

Business and Innovation

BUSINESS (13076)

IPR management (13163)

Copyrights (13166)

Industrial design (13165)

Licensing (13168)

Patents (13167)

Trademarks (13164)

Marketing management (13154)

Sales management (13162)

Brand positioning (13161)

Marketing strategy (13155)

International marketing (13160)

Market intelligence (13158)

Market studies (13156)

Market analysis (13157)

Promotion and advertising (13159)

Financial & Investment management (13137)

Due diligence (13145)

Banking (13138)

Investment readiness (13151)

Training and support (13152)

Risk management (13140)

Risk analysis (13141)

Cost estimation / analysis (13142)

Foreign investment (13153)

Private investment (13146)

Venture capital (12821)

Venture operator (13150)

Crowdfunding (12820)

Private equity (13147)

Seed capital (13149)

Angel investment (13148)

Feasibility analysis (13143)

Project valuation (13144)

Company valuation (13094)

Corporate financing (13139)

Technology management (13123)

Technology implementation (13131)

Technology commercialisation (13132)

Technology development (13124)

Piloting (13125)

Prototyping (13128)

Deployment (13127)

Field trial (13126)

Technology evaluation (13130)

Technology assessment (13129)

Technology transfer (13136)

Knowledge and Technology transfer (13133)

International transfer (13135)

Research to business (13134)

Business management (13077)

Supply chain management (13114)

Incubator companies (13095)

Intercultural business communication (13112)

Internationalisation (13098)

Forms of internationalisation (13099)

Services in support of internationalisation (13100)

Internationalisation - Market access (13101)

Africa (13111)

Arab countries (incl. North Africa) (13108)

Australia, Oceania (13110)

Europe (13102)

India and South Asia (13105)

Japan / Korea (13104)

China (13103)

Latin America (13107)

Russia and Central Asia (13109)

US / Canada (13106)

- Creativity management (13116)
- Quality management (13115)
- Project management and coordination (13093)
- Specific business types (mutual, cooperatives, family businesses, liberal professions, etc (13122)
- Spin-off companies (13096)
- Start-up companies (13097)
- Strategic management (13079)
- Organisational management / development (13118)
- Social enterprises (13121)
- Distribution and logistics (13119)
- Knowledge management (13117)
 - Knowledge transfer (10801)
- New business opportunities (13089)
 - Experience economy (13090)
 - Resources efficiency (13091)
 - Circular economy (13092)
- Business environment (legal and administrative) (13087)
- Business models (13082)
- Business strategies (13083)
- Business plan (13078)
- Business governance (13088)
- Business analysis (13080)
- Company valuation (13094)
- Business development (13081)
- Corporate Social responsibility (13120)
- Entrepreneurship (12806)
- Business coaching and mentoring (13086)
- Entrepreneurship education (12833)
- Business support services (13084)
 - SME support (13085)
- Leadership development (13113)
- SPECIFIC SECTORS (13213)
 - Energy (11543)
 - Energy Efficiency (13214)
 - Energy end-use efficiency and energy services (11978)
 - Energy management (11962)
 - Energy efficiency obligations (11988)
 - Policy making on energy efficiency (11979)
 - Energy performance contracting (11982)
 - Energy services (11980)
 - Energy services companies (ESCO) (11981)
 - Energy audits (11987)
 - Obligations (13226)
 - Measurement & verification (11985)
 - Metering & billing (11984)
 - Financial mechanisms (11983)
 - Policy development (12020)
 - Information & awareness-raising (11986)
 - Energy efficient buildings (11941)
 - Low/nearly-zero & energy positive buildings (11954)
 - Low/nearly zero &-energy positive buildings (13219)
 - Supply chain (12056)
 - Energy performance certification (11943)
 - Building codes and regulations (11953)
 - Building regulations and codes (13220)
 - Construction skills (11957)
 - Energy management in buildings (11946)
 - Energy performance of buildings policy (11942)
 - Quality and compliance in buildings (11951)
 - Renovation (11950)
 - Building design (11947)
 - Financing / Investment Schemes (12053)
 - HVAC installations (13222)
 - HVAC systems (11958)
 - Tertiary buildings (11945)
 - Property valuation (13216)
 - Residential buildings (11944)
 - Occupant behaviour (11948)

- Integration of renewables (11955)
- Voluntary mechanisms (13218)
- Policy development (12020)
- Standards (13221)
- Vocational training (11956)
- Certification schemes (13215)
- Knowledge support networks (13217)
- Awareness campaigns (11949)
- Urban planning (11952)
- Energy efficient industry (11959)
 - Energy benchmarking (11964)
 - Energy management (11962)
 - Energy intensive industry (11960)
 - Energy auditing (11963)
 - Industrial processes (11965)
 - Industrial clusters (11967)
 - Training (11870)
 - Small and medium size enterprises (11961)
 - Environmental certification (13223)
 - Voluntary agreements (11966)
 - Polygeneration (11968)
- Energy efficient products (11969)
 - Energy labels (11970)
 - Metering (11977)
 - HVAC equipment (11975)
 - Domestic appliances (10957)
 - Information and communication technologies (13224)
 - ICT (11976)
 - Standby losses (11973)
 - Motor driven systems (11974)
 - Ecodesign, Life Cycle Analysis (11971)
 - Market surveillance (13225)
 - Lighting (10827)
 - Green procurement (11972)
- Sustainable transport (11990)
 - Freight and logistics (11994)
 - Sustainable planning (11995)
 - Walking and cycling (11997)
 - Public transport (11993)
 - Mobility management (11991)
 - Modal shift / co-modality (11998)
 - Traffic demand management (11992)
 - Clean vehicles (11996)
 - Stakeholder management (11999)
 - Urban transport (10879)
- Renewable energy sources (13227)
 - Bioenergy (12054)
 - Biogas markets (12062)
 - Biomass CHP (12058)
 - Supply chain (12056)
 - Forestry (11488)
 - Sustainability (12051)
 - Liquid Biofuels markets (12060)
 - GIS Expertise (12059)
 - Impact Assessment (12052)
 - Agriculture / Rural Development (12057)
 - Policy development (12020)
 - Project development (12019)
 - Project financing (12018)
 - Regional / Local Planning (12055)
 - Solid Biofuels markets (12061)
 - Transport biofuels (12038)
 - Biodiesel (12039)
 - Bioethanol (12040)
 - Biogas (12042)
 - Biomethane (12043)
 - Supply chain (12056)
 - Sustainability (12051)
 - Financing / Investment Schemes (12053)

Impact Assessment (12052)
Communication & Marketing (12049)
Transport / Fuel Use (13230)
Market analysis & modelling (12050)
Second Generation Biofuels (12044)
Agriculture / Forestry / Rural Development (12045)
Policy & Support Schemes (12048)
Certification & Standards (12047)
Pure plant oil (12041)
Fuel Production & Distribution (12046)
Energy education and training (12074)
Primary and secondary education (12076)
Life long learning (12079)
Informal education (12078)
Training (11870)
Post-secondary education (12077)
Teaching materials (12081)
Educational policy (12075)
Vocational training (11956)
Distance learning (web based education) (12080)
Sustainable energy communities (12063)
Low/zero carbon communities (12064)
Energy Management Systems (12069)
Sustainable Energy Action Plans (12068)
Sustainable energy citizenship (12065)
Local & Regional Energy Agencies (12071)
Local sustainable energy supply (12067)
Public spending (12070)
Public participation (12066)
Policy & strategy (12072)
Urban planning (11952)
Behavioural change (12073)
Sustainable energy policy (12096)
Policy making on energy efficiency (11979)
Policy making on sustainable transport (12098)
Policy making on renewable energies (12097)
Financing sustainable energy (12087)
Fund establishment / management (12093)
Capacity building (12095)
Financing for energy efficiency (12090)
Financing for sustainable transport (12092)
Risk assessment (12089)
Financing for renewable energies (12091)
Project Development Assistance (12094)
Financing mechanisms (12088)
RES consumers (12034)
Guarantee of origin (12037)
Prosumers (12035)
Cooperatives (12036)
Awareness Raising (12027)
RES integration in buildings (12031)
Biomass heating (12032)
Building codes and regulations (11953)
Photovoltaics (10207)
Heat pumps (12033)
Market analysis and modelling (12017)
Awareness Raising (12027)
Urban planning (11952)
Renewable heating & cooling (12021)
Biomass (12022)
Geothermal (12010)
Industrial applications (13229)
Market analysis and modelling (12017)
Solar Thermal (12023)
Solar Heating & Cooling (12029)
Solar cooling (12024)
Market development (12030)
Policy development (12020)
Project management (13228)

- Storage (12028)
- District Heating & Cooling (12025)
- District Heating with CHP (12026)
- Awareness Raising (12027)
- Renewable electricity (12005)
 - Bioelectricity (12011)
 - Energy Economics (12013)
 - Permitting Procedures (12016)
 - Photovoltaics (10207)
 - Geothermal (12010)
 - Concentrated Solar Power (12012)
 - Market analysis and modelling (12017)
 - Ocean energy (12009)
 - Policy development (12020)
 - Project development (12019)
 - Project management (13228)
 - Project financing (12018)
 - Wind (12006)
 - Offshore Technologies (12008)
 - Electricity Market/Regulations (12014)
 - Electricity Transmission/Distribution (12015)
 - Hydro (12007)
- End-users (13231)
 - Secure Societies (13232)
 - Transport sector (13233)
 - Bus (11089)
 - Metro (13235)
 - Airport (13234)
 - Railway (13236)
- INNOVATION (13169)
 - Innovation management (13170)
 - Innovation and diversity (e.g. gender) (13192)
 - Innovation Management Assessment (13171)
 - Innovation Management Consulting (13172)
 - Innovation policy (13193)
 - Related to industrial policy (13196)
 - Related to SME and start-up support (13195)
 - Cluster (13197)
 - Cluster internationalisation (13199)
 - Cluster excellence (13198)
 - Cluster management (13200)
 - Related to regional development (13194)
 - Innovation methodologies (13201)
 - Innovation systems (13190)
 - Innovation strategies (13191)
 - Types of innovation (13173)
 - Sustainable innovation (13188)
 - Incremental innovation (13189)
 - Process innovation (13183)
 - Design innovation (13177)
 - Demand driven innovation (13178)
 - Crowdsourcing (10151)
 - Public sector innovation (13179)
 - Innovative procurement (13181)
 - Public administration innovation (13180)
 - Marketing innovation (13184)
 - Open innovation (13174)
 - Disruptive innovation (13187)
 - Organizational innovation (13185)
 - Social innovation (12868)
 - Service innovation (13176)
 - Technological innovation (13175)
 - Product innovation (13182)
 - Business model innovation (13186)
 - Innovation support services (13203)
- Industrial dynamics (13204)
 - Industrial sectoral change (13205)
 - Emerging industries (13206)
 - Specific sectors (13209)

- Cluster dynamics (13208)
- New industrial value chains (13207)
- Industrial innovation policy (13210)
 - Regulatory framework for innovation (13202)
 - Smart Specialisation strategies (13211)
 - Regional development (13212)
- Science
- HUMANITIES (12968)
 - Other humanities (13055)
 - Gender research (13071)
 - Gender in philosophy, ethics and religion (13073)
 - Gender in arts (13074)
 - Gender in languages and literature (13072)
 - Cultural studies, cultural diversity (12950)
 - Cultural history, cultural memory (13056)
 - Conflict heritage (13057)
 - Environmental heritage (13058)
 - Landscape heritage (13059)
 - Ethics in research and innovation (13060)
 - Data protection and privacy (13067)
 - Internet science, collective awareness platforms (13068)
 - Animal welfare (12662)
 - Informed consent (13064)
 - Human protection (13061)
 - Developing countries (13066)
 - Involvement of children (13062)
 - Dual use (12914)
 - Involvement of vulnerable populations (13063)
 - Research integrity and misconduct (13070)
 - International cooperation (13065)
 - Misuse/Malevolent use (13069)
 - Philosophy, Ethics and Religion (13030)
 - Ethics (except ethics related to specific subfields) (13035)
 - Philosophy, history of philosophy (13033)
 - Philosophy, History and philosophy of science and technology (13031)
 - Philosophy of mind, epistemology and logic (13032)
 - Philosophy, history of philosophy (13033)
 - Internet Science (10976)
 - Epistemology, logic, philosophy of science (13034)
 - Theology (13036)
 - Myth, ritual, symbolic representations, religious studies (12850)
 - Religious studies (13037)
 - Myth, ritual, symbolic representations, religious studies (12850)
 - History of religions (13038)
 - Arts (arts, history of arts, performing arts, music) (13039)
 - Performing arts studies (Musicology, Theater science, Dramaturgy) (13051)
 - Visual arts, performing arts, design (13046)
 - Music and musicology, history of music (13052)
 - Architectural design (13050)
 - History of art and architecture (13047)
 - Visual arts, performing arts, design (13046)
 - Studies on Film, Radio and Television (13054)
 - Communication networks, media, information society (10104)
 - Internet of Things (10109)
 - Global Systems Science, GSS (12945)
 - Network technologies / Internetworking (10106)
 - Internet architectures (10108)
 - Mobile Sensor devices (10110)
 - Optical Communications (10107)
 - Radio Frequency / Microwave Communications (10105)
 - Visual arts, performing arts, design (13046)
 - Arts, Art history (13040)
 - ICT & art (13049)
 - Classics, ancient Greek and Latin literature and art (13018)
 - Cultural heritage, cultural memory (12998)
 - Digitalisation/ICT and cultural heritage (13045)
 - Cultural memory, intangible cultural heritage (13041)
 - Heritage preservation (13044)
 - Intangible cultural heritage (13043)

Tangible cultural heritage (13042)
Museums and exhibitions (13048)
History of art and architecture (13047)
Visual arts, performing arts, design (13046)
Folklore studies (13053)
Languages and Literature (13013)
General literature studies (13019)
Literary theory and comparative literature, literary styles (13021)
History of literature (13020)
General language studies (13014)
Numismatics, epigraphy (13016)
Textual philology, palaeography and epigraphy (13015)
Literary theory (13022)
Literary theory and comparative literature, literary styles (13021)
Linguistics (13024)
Formal, cognitive, functional and computational linguistics (13025)
Use of language: pragmatics, sociolinguistics, discourse analysis, second language teaching and learning, lexicography, terminology (13027)
Psycholinguistics (13029)
Typological, historical and comparative linguistics (13026)
Multilingualism, language diversity (13028)
Specific literatures (13023)
Literary theory and comparative literature, literary styles (13021)
History of literature (13020)
Classics, ancient Greek and Latin literature and art (13018)
Specific languages (13017)
Classics, ancient Greek and Latin literature and art (13018)
History and Archaeology (12969)
Archaeology (13001)
Gender in archaeology (13012)
Archaeology, archaeometry, landscape archaeology (12971)
Assyriology (13009)
Biblical archaeology (13003)
Egyptology (13010)
Epigraphy (12991)
Islamic archaeology (13008)
Medieval archaeology (13005)
Comparative archaeology (13011)
History of archaeology (13002)
Slavic archaeology (13004)
Maritime archaeology (13006)
Virtual archaeology - computer simulation (13007)
History (12970)
History of ideas, intellectual history, history of science and techniques (12981)
Gender in history (13000)
Gender history (12980)
Colonial and post-colonial history, global and transnational history, entangled histories (12978)
Military history (12985)
Collective memories, identities, lieux de mémoire, oral history (12987)
Early modern history (12976)
Medieval history (12975)
Cultural heritage, cultural memory (12998)
Digitalisation/ICT and cultural heritage (13045)
Cultural memory, intangible cultural heritage (13041)
Heritage preservation (13044)
Intangible cultural heritage (13043)
Tangible cultural heritage (13042)
Cultural history, history of collective identities and memories (12982)
History of philosophy (12983)
Ancient cultures (12974)
Ancient history (12973)
Prehistory and protohistory (12972)
Archaeology, archaeometry, landscape archaeology (12971)
Assyriology (13009)
Biblical archaeology (13003)
Egyptology (13010)
Epigraphy (12991)
Islamic archaeology (13008)

- Medieval archaeology (13005)
- Comparative archaeology (13011)
- History of archaeology (13002)
- Slavic archaeology (13004)
- Maritime archaeology (13006)
- Virtual archaeology - computer simulation (13007)
- Social and economic history (12979)
- Social, economic, cultural and political history (12986)
- Historical geography (12999)
- Historiography, theory and methods of history (12988)
 - Heraldry and Genealogy (12993)
 - Diplomatics (12990)
 - Epigraphy (12991)
 - Chronology (12989)
 - Enomastics (12992)
 - Numismatics (12994)
 - Paleography (12995)
 - Sigillography (12996)
 - Historical statistics (12997)
- History of science and technology (12984)
- Modern and contemporary history (12977)
- AGRICULTURAL SCIENCES (12565)
 - Veterinary science (12682)
 - Veterinary medicine (12683)
 - Veterinary anaesthesiology (12698)
 - Animal diagnostics (12684)
 - Animal health (12686)
 - Animal genetics (12685)
 - Animal genetic resources (12710)
 - Genetic mapping (10636)
 - DNA therapy (12145)
 - Livestock cloning (12711)
 - Animal hygiene (12687)
 - Animal immunology (12688)
 - Non-drug therapy of animals (12695)
 - Veterinary pharmacology (12691)
 - Animal surgery (12689)
 - Animal toxicology (12690)
 - Bacterial pathogens of animals (12693)
 - Fungal pathogens of animals (12694)
 - Arthropod pathogens of animals (12692)
 - Laboratory animal science (12702)
 - Parasite pathogens of animals (12696)
 - Prion pathogens of animals (12697)
 - Viral pathogens of animals (12699)
 - Zoonosis (12700)
 - Plant protection (12701)
 - Animal and Dairy science (12656)
 - Husbandry (12680)
 - Agriculture related to animal husbandry, dairying, livestock raising (12658)
 - Animal and dairy science (12657)
 - Animal behaviour (10693)
 - Zootechnics (12659)
 - Animal nutrition (12661)
 - Animal transport (12664)
 - Animal housing (12663)
 - Animal breeding (12660)
 - Poultry breeding (12676)
 - Wool producing animals (12679)
 - Sheep and goats breeding (12677)
 - Equidae (12670)
 - Apiculture (12665)
 - Rabbit breeding (12674)
 - Sericulture (12678)
 - Pig breeding (12675)
 - Aviculture (12666)
 - Bovidae (12667)
 - Feed additives (12671)
 - Feed contamination (12672)

- Feed products (12673)
- Dairy animals (12669)
- Camels (12668)
- Agriculture related to animal husbandry, dairying, livestock raising (12658)
- Pets (12681)
- Other agricultural sciences (12713)
 - Agricultural economics (12731)
 - Forestry economics (12734)
 - Farm economics (12735)
 - Horticultural economics (12736)
 - Agricultural marketing (12732)
 - Irrigation economics (12737)
 - Drainage economics (12733)
 - Agricultural engineering (12714)
 - Animal watering equipment (12718)
 - Animal slaughter (12717)
 - Animal feeding equipment (12716)
 - Crop harvesting equipment (12719)
 - Farm structures (12722)
 - Weed control equipment (12729)
 - Farm equipment (12715)
 - Agricultural engineering, food safety (12730)
 - Fertiliser application equipment (12723)
 - Crop planting equipment (12720)
 - Pest control equipment (12726)
 - Irrigation equipment (12725)
 - Precision agriculture machinery (12727)
 - Soil cultivation equipment (12728)
 - Glasshouse structures (12724)
 - Drainage equipment (12721)
 - Ethics in agricultural sciences (12738)
 - Animal ethics (12739)
- Agriculture, Forestry, and Fisheries (12566)
 - Fishery (12609)
 - Aquaculture, fisheries (10450)
 - Aquaculture husbandry (10457)
 - Aquaculture production systems (10463)
 - Aquaculture technology and equipment (10462)
 - Aquaponics (10464)
 - Animal welfare (Aquaculture) (10453)
 - Diseases (Aquaculture) (10452)
 - Health (Aquaculture) (10451)
 - Genomes (Aquaculture) (10456)
 - 'Omics' in aquaculture (10455)
 - Reproduction / Breeding (Aquaculture) (10454)
 - Nutrition (Aquaculture) (10458)
 - Aquaculture feed production (10461)
 - Adaptation potential of farmed aquatic species (10460)
 - Life cycles of farmed aquatic species (10459)
 - Ornamental aquatic species (Aquaculture) (10465)
 - Horticulture, viticulture (12610)
 - Ornamental plants (12614)
 - Fruit trees/crops (12611)
 - Hydroponics (12616)
 - Agriculture related to crop production, applied plant biology (12618)
 - Open field horticulture (12613)
 - Glasshouse management (12612)
 - Protected horticulture (12615)
 - Vegetables (12617)
- Agriculture (11496)
 - Agriculture related to crop production, soil biology and cultivation, applied plant biology (12608)
 - Agronomy (12619)
 - Agro-forestry (12623)
 - Agroindustry (12620)
 - Agrobiodiversity (12621)
 - Agroecology (12622)
 - Sugar crops (12643)
 - Food crops (12624)

- Grassland management (12632)
- Medicinal plants (12636)
- Legumes (12635)
- Industrial crops (12633)
- Temperate agriculture (12644)
- Farm machinery (12629)
- Plant growth (10682)
- Plant breeding (12639)
- Plant nutrition (10683)
- Plant cropping systems (12640)
- Plant water relations (10684)
- Oil plants (12637)
- Organic farming (12638)
- Ecological intensification (12628)
- Irrigation management (12634)
- Precision agriculture (12641)
- Textile plants (12645)
- Field crops (12630)
- Feed crops (12625)
- Forage crops (12631)
- Soil improvement (12642)
- Fertilisation (12626)
- Tropical agriculture (12646)
- Urban agriculture (12647)
- Crop rotations (12627)
- Plant breeding and plant protection (12648)
- Biological control (12649)
- Weeds (12655)
- Integrated pest management (12650)
- Agriculture related to crop production, soil biology and cultivation, applied plant biology (12608)
- Plant diseases (12651)
- Plant pests (10675)
- Plant viruses (12652)
- Soilborne pests (12653)
- Soilborne pathogens (12654)
- Soil science (10414)
- Soil biodiversity (12569)
- Soil biology (12567)
- Soil erosion (12575)
- Soil physics (12582)
- Soil functions (12577)
- Soil management (12578)
- Soil remediation (12585)
- Soil disinfestation (12573)
- Soil chemistry (12570)
- Soil amendment (12568)
- Soil conservation (12571)
- Soil monitoring (12579)
- Long-term soil monitoring (12580)
- Soil morphology (12581)
- Ecosystem services provided by soils (12586)
- Soil ecology (12574)
- Soil contamination (12572)
- Soil pollution (FN/I3) (12583)
- Soil fertility (12576)
- Soil protection (12584)
- Human impacts and other stressors (10542)
- Agricultural biotechnology (12703)
- GM technology (crops and livestock), livestock cloning, marker assisted selection, diagnostics (DNA chips and biosensing devices for the early/accurate detection of diseases) biomass feedstock production technologies, biopharming (12705)
- Animal genetics (12685)
- Animal genetic resources (12710)
- Genetic mapping (10636)
- DNA therapy (12145)
- Livestock cloning (12711)
- Plant genetics (10634)
- Genetic mapping (10636)

- GM technologies (12706)
- Marker assisted selection (12707)
- Plant genomics (12709)
- Plant genetic resources (12708)
- Plant biotechnology (12712)
- Agricultural biotechnology and food biotechnology (12704)
- Applied genetic engineering, transgenic organisms, recombinant proteins, biosensors (10794)
- Applied biotechnology (non-medical), bioreactors, applied microbiology (10200)
- ENGINEERING AND TECHNOLOGY (10807)
- Materials engineering (11027)
- Coating and films (11038)
- Materials engineering (biomaterials, metals, ceramics, polymers, composites, etc.) (11034)
- Surface physics (11042)
- Surface modification (11041)
- Surface science and nanostructures (11040)
- Micro- and nanoelectronics, optoelectronics (10340)
- Thin films (11039)
- Ceramics (11037)
- Materials engineering (biomaterials, metals, ceramics, polymers, composites, etc.) (11034)
- Solid state materials (11033)
- Composites (including laminates, reinforced plastics, cermets, combined natural and synthetic fibre fabrics filled composites) (11043)
- Materials engineering (biomaterials, metals, ceramics, polymers, composites, etc.) (11034)
- New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles (11044)
- Paper and wood (11045)
- Materials engineering (biomaterials, metals, ceramics, polymers, composites, etc.) (11034)
- Textiles including synthetic dyes, colours, fibres (11046)
- Photochemistry (10163)
- Theoretical chemical kinetics (10327)
- Quantum Chemistry (10321)
- Mathematical chemistry (10326)
- Molecular dynamics (10324)
- Molecular mechanics (10325)
- Molecular Modelling (10323)
- Computational Chemistry (10322)
- Lightweight construction, textile technology (10830)
- Security (11549)
- Mission Capabilities (11786)
- Avert and prepare themselves against aggression (11817)
- Reduction of criminology qualities (11820)
- Evaluation of threats and vulnerabilities (11819)
- Manage intelligence and surveillance actions (11818)
- Surveillance of environment (control, detection CBRN, abnormal behaviours, etc.) (11823)
- Manage preventative operations (11822)
- Ensure Communication and alerts (11824)
- Take protection measures (proactive and reactive ones) (11821)
- Preserve the functioning of the State (11787)
- Safeguard secured liaisons (11788)
- Protection of Authorities (11790)
- Protection of Installations and buildings of vital importance (11789)
- Security of nationals abroad (11858)
- Collection of local data (11860)
- Lead evacuation operations (11861)
- Protection of traffic areas (11859)
- Protection of citizens (goods and people) (11805)
- Protect each individual citizen (included protecting for material and immaterial goods) (11806)
- Secure public area (11807)
- Secure food chain and wealth products (11810)
- Rescue of people (see rescue, etc.) (11808)
- Ensure collective protection (included secure public area) (11811)
- Control of environment (11809)

- Ensure Identification and control of goods and people (11791)
 - Control and track cross border information (11794)
 - Control and track cross border goods and materials (11793)
 - Ensure management and control of identities and rights (11792)
- Ensure Economic Security (11801)
 - Ensure continuity of economic activity (11804)
 - Ensure Intelligence (economic intelligence) (11802)
 - Use appropriate instruments (11803)
- Protection of networks (11836)
 - Bank Systems (11841)
 - Information systems (11840)
 - Communication network (11839)
 - Transport systems (11837)
 - Water and power distribution (11838)
- Ensure restoration and reparation (11857)
- Ensure and Maintaining Law and Order (11795)
 - Manage intervention and neutralisation (11799)
 - Fight against criminality (11797)
 - Fight against delinquency and insecurity (11798)
 - Fight against trafficking (11796)
 - Manage judicial police operations (11800)
- Avert and foreseen Catastrophes (11812)
 - Surveillance of zones under humanitarian risk (migratory flow, drought, etc.) (11816)
 - Ensure Epidemiological Surveillance (11815)
 - Surveillance of environment in order to alert (11814)
 - Decrease technological and industrial risks (11813)
- Protection of environment (before, during and after) (11842)
 - Monitor the respect of agreements (11845)
 - Fight against threats to the Environment (11844)
 - Fight against pollution (11843)
- Security of transport (11846)
 - Ensure the continuity of flows (11849)
 - Restore security of flows (11850)
 - Surveillance of traffic areas (11848)
 - Transport of dangerous materials (11847)
- Crisis management (11851)
 - Protection of chain of evidence (11856)
 - Rescue of people (11854)
 - Manage and lead complex operations (11853)
 - Crisis management operations (11852)
 - Protection of order and rescue forces (11855)
- Lead operation for external security (11862)
 - Humanitarian Operations (11506)
 - Evacuation Operations (11863)
 - Conflict prevention/Peace keeping (11864)
- Control of disarmament/ fight against proliferation (11865)
 - Control and track of flows, substances and materials (11868)
 - Ensure intelligence (11866)
 - Area Surveillance (11867)
- Control and surveillance of areas (11825)
 - Surveillance of information flows and illegal content (11829)
 - Detection and neutralisation of non authorised people or mobiles (before crisis) (11830)
 - Air surveillance (11826)
 - Coast and boundaries surveillance (11828)
 - Maritime surrounding areas surveillance (11827)
- Protection of areas and infrastructures (11831)
 - Protection of open areas (shopping centers) (11834)
 - Protection of sites where events take place (G8, concerts in open areas, etc.) (11835)
 - Protection of partially opened sites (ports, airports, hospitals, etc) (11832)
 - Protection of closed areas (sensitive installations) (11833)
- Equipments and sub systems (11613)
 - Identification equipment (11616)
 - Biometric equipment (11617)
 - Human Resources (11634)
 - Buildings platforms (11627)
 - Sensor Equipments (11614)
 - Weapon systems (other than missiles and NLW) (11623)
 - Ground equipments subsystems (11630)

Physical access control and Electronic Authentication Equipment (11633)
 Directed energy systems technology (11620)
 Signal Protection (11615)
 Air equipments subsystems (11631)
 Munitions devices and energetic contents (11621)
 Navigation, guidance, control and tracking (11619)
 Non lethal weapons (11622)
 Forensic technologies, others (11626)
 Missiles Equipments Subsystems (11632)
 Explosives removal (11624)
 Survivability and hardening equipment for persons (11625)
 Marine equipments subsystems (11628)
 Space equipments subsystems (11629)
 Chemical, Biological, Radiological and Nuclear (CBRN) protection and decontamination
 equipment (11618)
 Integrated platforms and systems and Human Factors (11768)
 C2, Information and intelligence systems (11780)
 Deterrence systems (11775)
 Equipped Personnel (11784)
 Networks and information security systems (11781)
 Anonymity (10072)
 Digital identity (10073)
 (user-centric) privacy preservation (10071)
 Human Factors Services to Security (11783)
 Identity management systems (11776)
 Integrated Surveillance Systems (11777)
 Integrated systems of systems (11785)
 Communication Systems (11782)
 Air platforms (11772)
 Stealth management : Signature Control and Signature Reduction (11778)
 Stealth Technologies (11779)
 Missiles platforms (11773)
 Ground platforms (11771)
 Simulators, Trainers (11774)
 Marine platforms (11769)
 Space platforms (11770)
 Financial Engineering (11918)
 Economic and socio-economic evaluation, economic-financial modelling (11920)
 Infrastructure pricing (11923)
 Risk analysis (budget, traffic, revenue, planning, others) (11925)
 Transport demand forecast (11926)
 Financial modelling (11921)
 Project finance (11922)
 Public Private Partnerships (PPP) (11919)
 Transport costs: capex, opex, external costs (11924)
 Policy and Support (11869)
 Security Analysis (11879)
 Combined operational effectiveness and investment appraisals (11881)
 Other effectiveness and performance studies (11884)
 Scenario generation (11883)
 Legal & Ethical constraints (11887)
 Crisis management and Conflict Simulation (11886)
 Multinational and Inter-organisation analysis and planning and operation (11888)
 Platform and system concept studies (11882)
 Policy, force development and balance of investment studies (11880)
 Political & Cultural, ethical and religious analysis (11885)
 Long term health hazard prevention in security related situations (11912)
 Fatigue and stress observation, analysis and coping (11914)
 System safety of security systems (11913)
 Occupational health services for security personnel (methods, facilities, evaluation)
 (11915)
 Plans and concepts for disaster medicine and relevant health services (11916)
 Human resources (HR) management for security personnel (11894)
 Knowledge management applied to Security issues (11900)
 Team (Crew) Resource Management (11899)
 Working practices, procedures and rules of engagement (11897)
 Licensing and Certification (11896)
 Selection of personnel (e. g. Baggage and cargo screener selection) (11895)
 Staff management and working practices (11898)

- Miscellaneous Security Functions and Policy (11889)
 - Distribution Logistics (e.g.maintaining distribution logistics in cases of severe crises) (11893)
 - Hazard assessment (11892)
 - International Security & Counter Insurgency (11890)
 - Non-proliferation (11891)
 - Scenario and decision simulation (11901)
 - Simulation for decision making (real time simulation) (11903)
 - Human behaviour modelling and simulation (11902)
 - Evacuation and consequence management techniques (11905)
 - Quick Launch (11909)
 - Impact analysis concepts and impact reduction (11906)
 - Mission simulation (11904)
 - Structures vulnerability prediction (11907)
 - Single-Stage-To-Orbit (SSTO) Reusable Launch Vehicle (RLV) (11910)
 - Launch Vehicles for Space Systems (11911)
 - Space Operations monitoring (11908)
 - Gender in Security (11917)
- Systems-Services Functions (11635)
 - Identification (11648)
 - Positioning and localization (11650)
 - Identity management (11649)
 - Intervention and Neutralization (11657)
 - Communication (11014)
 - Neutralization (11658)
 - Decontamination and de-pollution (11668)
 - Exercise and simulation, training (11644)
 - Detection, identification and authentication (11646)
 - Training and exercises (11645)
 - Situation awareness & assessment (surveillance) (11651)
 - Localization (11652)
 - Environmental monitoring systems (11654)
 - Intelligence (11655)
 - Information management (11656)
 - Interoperable secured communications (Security systems architecture) (11659)
 - Command and Control (11660)
 - Risk reduction (11638)
 - Risks assessment, modelling and impact reduction (11636)
 - Risks and vulnerabilities assessment (11637)
 - Critical infrastructure, emergency systems, security, safety engineering (11666)
 - Search and detection (11647)
 - Search and Rescue and evacuation (11667)
 - Psychological and Social aspects (11673)
 - Personnal outfit systems (11669)
 - Subsurface systems (11670)
 - Air systems technology (11672)
 - Ground systems technology (11671)
 - Crisis Operations / Management - C3I (11661)
 - Incident Response (11665)
 - Infrastructure to Support Information Management & Dissemination (11664)
 - Population warning systems (11662)
 - Optimisation, Planning & Decision Support systems (11663)
 - Protection (11639)
 - Civil first responders protection (11640)
 - Doctrine and operation (11643)
 - Armed forces protections (11641)
 - Population protection (11642)
- Technologies-Components (11588)
 - Data mining (11611)
 - Biotechnology (11610)
 - Electronic components (11600)
 - Physiology Science & Medical technologies (11608)
 - Materials for deterrence (11591)
 - Energetic materials (11594)
 - Energy generation storage & distribution (11596)
 - Detection technology (11612)
 - Photonic/Optical Materials and Device Technology (11597)
 - Human sciences, including research and studies (11609)
 - Information Security Technologies (11606)

Information technologies (11602)
Signal processing technologies (11601)
Communication technologies (11607)
Light and strong materials, surface treatments. (11590)
Stealth materials and Technologies (11592)
Artificial Intelligence & Decision support (11603)
Opto-electronics: Laser, optics and related devices (11598)
Plasma technology (11595)
Computing Technologies (11605)
Sensor Technology and Components (11599)
Structural materials and technologies and structural effects analysis (11589)
Simulation tools and technologies (11604)
Survivability and hardening (11593)
Design-Manufacturing (11674)
Installations and Facilities (11758)
Ground stations (11471)
Hydrodynamic test facilities (11762)
Site engineering (11759)
Site sanitizing (11760)
Wind tunnels (11761)
Ergonomic and Human factors (11763)
Analysis of user needs and user requirements for security systems (11765)
Methods, tools and processes to support the integration of people in security systems
(11764)
Human factors in error-tolerant systems (11767)
Ergonomic Displays and Presentations (11766)
Manufacturing and fabrication technology (11718)
Dimensional metrology (11731)
Advanced fabrication and processing (11721)
Metal working and industrial production (11720)
Process Control Technology (11727)
Production equipment (11729)
Automation of industrial processes (11719)
Environmentally Friendly Factory Processes (11728)
Lean Manufacturing (11726)
Mechanical, Thermal and Fluid-Related (11734)
Metrology (11723)
Micromechanical devices (11733)
Optical coating (11730)
Precision bearings (11732)
Non-destructive inspection and evaluation (11724)
Techniques and Systems for Production Manufacturing (11725)
Bearing (11722)
Operating Environment Knowledge & Modelling Technology (11675)
Lower atmosphere environment (11678)
Electromagnetic propagation in air and water (11680)
Upper atmosphere and space environment (11677)
Acoustic propagation in air and water (11679)
Chaos theories (11682)
Meteorology (11484)
Oceanography (10438)
Pollutants and chemical propoagation in atmosphere (11681)
Terrain science (11676)
Systems Certification and Failure Investigation (11692)
Failure Investigation (11694)
Systems certification (11693)
Systems Engineering and Integrated Systems Design (11695)
Aerodynamics (11696)
Aeronautical Design and Systems Integration (11698)
Acoustic design (11715)
In-service data capture systems (11705)
Security metrics (11701)
Digital power (11704)
Health monitoring systems (11713)
Electro-magnetic compatibility (11703)
Man Machine Interface / Man System Interface (11709)
Buildings design (11717)
Advanced Prototyping (11711)
Design for Improved Reliability & Maintainability (11710)

Signature Control for Ground Systems (11714)
Fault tolerance and reconfiguration system (11706)
Hydrodynamics (11697)
Stealth design (11716)
Power management of systems (11708)
Structural Vulnerability of systems (11707)
System repair technology (11702)
Robotics / automation in operational systems (11700)
Radiation and EMV Hardening (11699)
Knowledge-based Engineering (11712)
Systems Engineering and Design Management (11683)
Safety Verification (11686)
Concurrent Engineering and Reduced Design Cycle (11688)
Integrated systems testing & evaluation (11691)
Interoperability (11684)
COTS/MOTS/GOTS system based integration (11685)
Cost Engineering (11687)
Project Management and Control (11689)
Reliability and maintainability of systems (11690)
Software design validation and maintenance (11735)
Agile software development (11741)
Secure software engineering (11739)
Debugging tool (11746)
Integrated Development Environment (IDE) (11737)
Code reuse (11745)
Component-Based Software Development (11743)
Model Driven Software Development (11742)
Software testing processes and tools (11747)
Computer-aided software engineering (CASE) (11738)
Software quality insurance (11736)
Design Pattern (11740)
Version Control System (11744)
Simulation and design tools (11748)
Digital vehicle (11756)
Manufacturing Process Simulation (11752)
Network centric simulation (11750)
Hardware-in-the-loop-testing (11751)
Computer aided manufacturing (11754)
Computer aided design (11753)
Sensor simulation (11749)
Vehicle Design and Synthesis Tools (11755)
Virtual reality centre (digital makeup of an architecture network, etc.) (11757)
Other engineering and technologies (11082)
Food and beverages (11090)
Food and drink processing (11092)
Food additives (11095)
Food biotechnology (11070)
Food safety (11100)
Food packaging (11097)
Food chemistry (10392)
Food quality (11099)
Food contamination (11096)
Food storage (11101)
Food preservation (11098)
Food technology (11102)
Food toxicology (11103)
Drink technology (11094)
Dairy science (11093)
Food sciences (11091)
Gender in engineering and technology (11105)
Ethics in engineering and technologies (11104)
Internet Science (10976)
Collective Awareness Platforms (10152)
Mechanical engineering (10984)
Applied mechanics (11012)
Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
(10986)
Audio engineering, reliability analysis (11020)
Nuclear related engineering (11019)

- Ocean engineering (10989)
 - Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment (10809)
 - Ocean literacy (11928)
- Aerospace engineering (11013)
 - Photonics (10621)
 - Biophotonics (10622)
 - Biophotonics, Imaging, image and data processing (12261)
 - Semiconductor lasers (10890)
 - Photonic integration, photonic integrated circuits (10229)
 - Imaging, image and data processing (10214)
 - Vision, colour, visual optics (10235)
 - Laser-based manufacturing and materials processing (10217)
 - Laser-based processing (11016)
 - Quality control (11011)
 - Lighting (10827)
 - Robotics, Tele-Robotics & Autonomous Systems (RTA) (11017)
 - Sensing & Perception (11018)
- Thermodynamics (10183)
 - Energy systems (production, distribution, application) (10985)
- Industrial biotechnology (11065)
 - Bioprocessing technologies (industrial processes relying on biological agents to drive the process) biocatalysis, fermentation (11068)
 - Industrial bioengineering (11062)
 - Environmental biotechnology, bioremediation, biodegradation (10605)
 - Bioproducts (products that are manufactured using biological material as feedstock) biomaterials, bioplastics, biofuels, bioderived bulk and fine chemicals, bio-derived novel materials (11069)
 - Biofuels (11072)
 - Liquid biofuels (11074)
 - Gaseous biofuels (11073)
 - Solid biofuels (11075)
 - Gender in industrial biotechnologies (11076)
 - Industrial bioengineering (11062)
 - Environmental biotechnology, bioremediation, biodegradation (10605)
 - In vitro culture of plant material (11071)
 - Synthetic biology, chemical biology and new bio-engineering concepts (11067)
 - Environmental biotechnology (11058)
 - Environmental biotechnology related ethics (11063)
 - Gender in environmental biotechnologies (11064)
 - Bioremediation, diagnostic biotechnologies (DNA chips and biosensing devices) in environmental management (11060)
 - Bioremediation, biodegradation (11061)
 - Industrial bioengineering (11062)
 - Environmental engineering (11927)
 - Mining and mineral processing (12108)
 - Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment (10809)
 - Energy, fuels and petroleum engineering (11934)
 - Nuclear (12106)
 - Bioenergy (12054)
 - Biogas markets (12062)
 - Biomass CHP (12058)
 - Supply chain (12056)
 - Forestry (11488)
 - Sustainability (12051)
 - Liquid Biofuels markets (12060)
 - GIS Expertise (12059)
 - Impact Assessment (12052)
 - Agriculture / Rural Development (12057)
 - Policy development (12020)
 - Project development (12019)
 - Project financing (12018)
 - Regional / Local Planning (12055)
 - Solid Biofuels markets (12061)
 - Transport biofuels (12038)
 - Biodiesel (12039)
 - Bioethanol (12040)
 - Biogas (12042)

Biomethane (12043)
Supply chain (12056)
Sustainability (12051)
Financing / Investment Schemes (12053)
Impact Assessment (12052)
Communication & Marketing (12049)
Transport / Fuel Use (13230)
Market analysis & modelling (12050)
Second Generation Biofuels (12044)
Agriculture / Forestry / Rural Development (12045)
Policy & Support Schemes (12048)
Certification & Standards (12047)
Pure plant oil (12041)
Fuel Production & Distribution (12046)
Energy education and training (12074)
Primary and secondary education (12076)
Life long learning (12079)
Informal education (12078)
Training (11870)
Post-secondary education (12077)
Teaching materials (12081)
Educational policy (12075)
Vocational training (11956)
Distance learning (web based education) (12080)
Energy end-use efficiency and energy services (11978)
Energy management (11962)
Energy efficiency obligations (11988)
Policy making on energy efficiency (11979)
Energy performance contracting (11982)
Energy services (11980)
Energy services companies (ESCO) (11981)
Energy audits (11987)
Obligations (13226)
Measurement & verification (11985)
Metering & billing (11984)
Financial mechanisms (11983)
Policy development (12020)
Information & awareness-raising (11986)
Energy efficient buildings (11941)
Low/nearly-zero & energy positive buildings (11954)
Low/nearly zero &-energy positive buildings (13219)
Supply chain (12056)
Energy performance certification (11943)
Building codes and regulations (11953)
Building regulations and codes (13220)
Construction skills (11957)
Energy management in buildings (11946)
Energy performance of buildings policy (11942)
Quality and compliance in buildings (11951)
Renovation (11950)
Building design (11947)
Financing / Investment Schemes (12053)
HVAC installations (13222)
HVAC systems (11958)
Tertiary buildings (11945)
Property valuation (13216)
Residential buildings (11944)
Occupant behaviour (11948)
Integration of renewables (11955)
Voluntary mechanisms (13218)
Policy development (12020)
Standards (13221)
Vocational training (11956)
Certification schemes (13215)
Knowledge support networks (13217)
Awareness campaigns (11949)
Urban planning (11952)
Energy efficient industry (11959)
Energy benchmarking (11964)

Energy management (11962)
Energy intensive industry (11960)
Energy auditing (11963)
Industrial processes (11965)
Industrial clusters (11967)
Training (11870)
Small and medium size enterprises (11961)
Environmental certification (13223)
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Polygeneration (11968)
Energy efficiency - general (11940)
Energy efficient products (11969)
Energy labels (11970)
Metering (11977)
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Domestic appliances (10957)
Information and communication technologies (13224)
ICT (11976)
Standby losses (11973)
Motor driven systems (11974)
Ecodesign, Life Cycle Analysis (11971)
Market surveillance (13225)
Lighting (10827)
Green procurement (11972)
Energy indicators and statistics (12082)
Energy efficiency monitoring and evaluation (12084)
Sustainable transport monitoring and evaluation (12086)
Renewable energies monitoring and evaluation (12085)
Monitoring and evaluation - general (12083)
Energy collection, conversion and storage, renewable energy (11938)
Energy systems (production, distribution, application) (10985)
Energy systems, smart energy, smart grids, wireless energy transfer (11937)
Energy storage (10849)
Heat storage (11935)
Electricity storage (11936)
Sustainable energy communities (12063)
Low/zero carbon communities (12064)
Energy Management Systems (12069)
Sustainable Energy Action Plans (12068)
Sustainable energy citizenship (12065)
Local & Regional Energy Agencies (12071)
Local sustainable energy supply (12067)
Public spending (12070)
Public participation (12066)
Policy & strategy (12072)
Urban planning (11952)
Behavioural change (12073)
Sustainable energy policy (12096)
Policy making on energy efficiency (11979)
Policy making on sustainable transport (12098)
Policy making on renewable energies (12097)
Financing sustainable energy (12087)
Fund establishment / management (12093)
Capacity building (12095)
Financing for energy efficiency (12090)
Financing for sustainable transport (12092)
Risk assessment (12089)
Financing for renewable energies (12091)
Project Development Assistance (12094)
Financing mechanisms (12088)
Sustainable transport (11990)
Freight and logistics (11994)
Sustainable planning (11995)
Walking and cycling (11997)
Public transport (11993)
Mobility management (11991)
Modal shift / co-modality (11998)
Traffic demand management (11992)
Clean vehicles (11996)

- Stakeholder management (11999)
- Urban transport (10879)
- Sustainable transport - general (11989)
- Fossil fuels (12099)
 - LNG (12101)
 - LPG (12102)
 - Natural gas (12100)
 - Oil (12103)
 - Clean Coal (12104)
- Combined Heat & Power (12001)
 - Renewable Energy CHP (12002)
 - Micro-CHP (12003)
 - Polygeneration (11968)
- Combined Heat & Power - general (12000)
- Renewable energy sources - general (12004)
- RES consumers (12034)
 - Guarantee of origin (12037)
 - Prosumers (12035)
 - Cooperatives (12036)
 - Awareness Raising (12027)
- RES integration in buildings (12031)
 - Biomass heating (12032)
 - Building codes and regulations (11953)
 - Photovoltaics (10207)
 - Heat pumps (12033)
 - Market analysis and modelling (12017)
 - Awareness Raising (12027)
 - Urban planning (11952)
- Renewable heating & cooling (12021)
 - Biomass (12022)
 - Geothermal (12010)
 - Industrial applications (13229)
 - Market analysis and modelling (12017)
 - Solar Thermal (12023)
 - Solar Heating & Cooling (12029)
 - Solar cooling (12024)
 - Market development (12030)
 - Policy development (12020)
 - Project management (13228)
 - Storage (12028)
 - District Heating & Cooling (12025)
 - District Heating with CHP (12026)
 - Awareness Raising (12027)
- Renewable electricity (12005)
 - Bioelectricity (12011)
 - Energy Economics (12013)
 - Permitting Procedures (12016)
 - Photovoltaics (10207)
 - Geothermal (12010)
 - Concentrated Solar Power (12012)
 - Market analysis and modelling (12017)
 - Ocean energy (12009)
 - Policy development (12020)
 - Project development (12019)
 - Project management (13228)
 - Project financing (12018)
 - Wind (12006)
 - Offshore Technologies (12008)
 - Electricity Market/Regulations (12014)
 - Electricity Transmission/Distribution (12015)
 - Hydro (12007)
- Microfluidics (11939)
- Carbon capture and sequestration (12105)
- Environmental and geological engineering, geotechnics (11929)
 - Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment (10809)
 - Sustainable design (for recycling, for environment, eco-design) (11932)
 - Rural and survey engineering (11933)
 - Geological engineering, geophysical engineering, mining, geotechnics (11930)

Environmental engineering and geotechnics (11931)
 Ocean engineering (10989)
 Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
 (10809)
 Ocean literacy (11928)
 Remote sensing (12107)
 Electrochemistry, electrodialysis, microfluidics, sensors (10338)
 Photonics (10621)
 Biophotonics (10622)
 Biophotonics, Imaging, image and data processing (12261)
 Semiconductor lasers (10890)
 Photonic integration, photonic integrated circuits (10229)
 Imaging, image and data processing (10214)
 Vision, colour, visual optics (10235)
 Laser-based manufacturing and materials processing (10217)
 Laser-based processing (11016)
 Quality control (11011)
 Lighting (10827)
 Sea vessels (12123)
 Marine engineering (12109)
 Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
 (10809)
 Deep-sea technology (12111)
 Offshore technology (12116)
 Carriers (ROV, AOV, other autonomous vessels) and power supply (12110)
 Remote sensing: satelliteborne sensors, airborne platforms, radar and lidar systems
 (12114)
 Seabed mining technology (12118)
 Marine mineral resources (12122)
 Maritime safety (12113)
 Marine renewable energies (12121)
 Maritime transport (12120)
 Marine technology sensors and instrumentation (12112)
 Maritime spatial planning (12119)
 Underwater communications (12115)
 Underwater technology (12117)
 Nano-technology (11077)
 Nano-materials (production and properties) (11078)
 Characterization methods of materials (11079)
 Surface science and nanostructures (11040)
 Production technology, process engineering (11026)
 Molecular electronics (10161)
 Nanophysics: nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics, etc.
 (10180)
 New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles
 (11044)
 Nano-processes (applications on nano-scale) (11080)
 Photonics (10621)
 Biophotonics (10622)
 Biophotonics, Imaging, image and data processing (12261)
 Semiconductor lasers (10890)
 Photonic integration, photonic integrated circuits (10229)
 Imaging, image and data processing (10214)
 Vision, colour, visual optics (10235)
 Laser-based manufacturing and materials processing (10217)
 Laser-based processing (11016)
 Quality control (11011)
 Lighting (10827)
 Gender in nanotechnologies (11081)
 Micro- and nanoelectronics, optoelectronics (10340)
 Molecular electronics (10161)
 Nanophysics: nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics, etc.
 (10180)
 Medical engineering (11047)
 Medical laboratory technology (including laboratory samples analysis diagnostic
 technologies) (11054)
 Diagnostic and implantable devices, environmental monitoring (11056)
 Diagnostic tools (e.g. genetic, imaging) (11057)
 Signal processing (10026)

- Micro- and nanoelectronics, optoelectronics (10340)
- Medical devices (11055)
- Aeronautics (11106)
 - Aeronautics segments (11251)
 - Ground segment (11257)
 - Manufacturing of helicopters (11253)
 - Vehicle certification (11259)
 - Assembly, Integration and Verification / Testing (AIV / AIT) (11256)
 - Manufacturing of UUV (11254)
 - Manufacturing of aircrafts (11252)
 - Regulation (11255)
 - Fuel certification (11258)
 - Socio-economical aspects of Aeronautics (11260)
 - Aeronautics and International cooperation (11267)
 - Aeronautics R&D (11268)
 - Education and public outreach (11269)
 - Gender in aeronautics (11272)
 - Aeronautics law (11266)
 - Aeronautics policy (11265)
 - Aeronautics and society (11270)
 - Aeronautics Economy (11261)
 - Downstream industry (11264)
 - The manufacturing aeronautics industry (11262)
 - Upstream industry (11263)
 - Aeronautics history (11271)
- Aeronautics technology domain (11107)
 - Aerostructures AST (11120)
 - ACT Acoustic Measurements and Test Technology (11132)
 - AEL Aero-elasticity (11126)
 - AMP Advanced Manufacturing Processes & Technologies (11124)
 - ASY Aircraft Security (11133)
 - BVA Buckling, Vibrations and Acoustics (11127)
 - CMP Composite Materials & basic processes (11123)
 - HAA Helicopter Aero-acoustics (11131)
 - INP Internal Noise prediction (11130)
 - MMP Metallic Materials & basic processes (11121)
 - NMP Non-Metallic Materials & basic processes (11122)
 - SAD Structural Analysis and Design (11125)
 - SMS Smart Materials and Structures (11128)
 - SMT Structures behaviour and Material Testing (11129)
 - Air Traffic Management ATM (11212)
 - AAS ATM Automated Support (11219)
 - ALO Airline Operations (11222)
 - AMG Airspace Management (11214)
 - APO Airport Operations (11221)
 - APT Airport Traffic Management (11220)
 - CST Communications and Systems Technology (11216)
 - FCM Flow and Capacity Management (11215)
 - MET Meteorological (11223)
 - NAS Navigation Systems (11217)
 - OVA Overall ATM (11213)
 - RDM R&D Management and Co-ordination (11224)
 - SSS Surveillance Sensor Systems (11218)
 - Flight Mechanics FLM (11175)
 - ENV Environmental Hazard Analysis (11181)
 - FCS Flight control system (11177)
 - OAS Open-loop Aircraft Stability Analysis (11176)
 - FAI System Failure and Damage Analysis (11180)
 - APS Aircraft Performance Analysis (11178)
 - OAP Optimisation of Aircraft Performance (11179)
 - Flight physics FLP (11108)
 - AER Aerodynamics of External and Removable items (11115)
 - AFC Airflow control (11112)
 - API Aeronautical Propulsion Integration (11111)
 - CAC Computational Acoustics (11118)
 - CFD Computational Fluid Dynamics (11109)
 - ENP External Noise prediction (11119)
 - HLD High Lift Devices (11113)
 - UAD Unsteady Aerodynamics (11110)

WGD Wing Design (11114)
 WMT Wind tunnel Measuring Techniques (11117)
 WTT Wind tunnel Testing/Technology (11116)
 Human Factors HFA (11231)
 HES Human Element in Security (11236)
 HFI Human Factors Integration, Man-machine Interface (11232)
 HIP Human Information Processing (11233)
 HPM Human Performance Modelling & Enhancement (11234)
 HSP Human Survivability, Protection and Stress Effects (11235)
 SEL Selection & Training (11237)
 UED Upstream Education (11238)
 Innovative Concepts & scenarios ICS (11239)
 BTT1 New materials (11243)
 BTT2 Advanced design technologies (11244)
 BTT3 Alternative fuels (11245)
 BTT4 Safety enabling technologies - remote control of aircraft, fully automated approach and landing (11246)
 BTT5 Unmanned aircraft (11247)
 BTT6 Free flight control regime (11248)
 BTT7 Technology watching (11249)
 BTT8 Nanotechnology (11250)
 BTT Breakthrough technologies (11242)
 UCC Unconventional configurations and new aircraft concepts (11241)
 SCE Scenarios analysis (11240)
 Integrated Design & Validation (methods & tools) IDV (11182)
 ACP Aircraft Performance Assessment (11207)
 AIP Advanced information processing (11198)
 AOP Autonomous operation (11203)
 ASD Air Safety Data analysis (11193)
 ASE Aeronautical Software Engineering (11204)
 DSS Decision Support Systems (11201)
 DSV Development of synthetic environment & virtual reality (11206)
 CDM Collaborative Decision Making (11199)
 EMC Environmental and EM compliance engineering process (11185)
 FGT Flight/ Ground Tests (11186)
 FTS Fault Tolerant Systems (11189)
 HAZ1 Hazard Analysis: Operational safety assessment (11190)
 HAZ2 Hazard Analysis: Safety requirements (rules and regulations): (11191)
 ITC Methods and IT tools for Collaborative Development (11183)
 IKM Information management & Knowledge management (11202)
 LCI Life-cycle Integration (11187)
 LSP Large scale validation Platforms (11211)
 LSX Large scale validation Experiments (11210)
 MMO Maintenance modelling (11196)
 NUM Numerical Models (including Fast Time Simulation) (11208)
 ORM Development of operational research methods & tools (11205)
 OSE On-board systems engineering (11184)
 REL System reliability (11194)
 RTS Real Time Simulators (11209)
 SAM Safety modelling (11192)
 SIG Infra-red and Radar Signature Control (11197)
 SYA Security / Risk analysis (11195)
 SYC System Certification (11188)
 SEV Simulator environments & Virtual reality (11200)
 Propulsion PRO (11134)
 ABP Air-breathing propulsion (11138)
 APU Auxiliary Power Unit (11142)
 CMM Computational methods (11147)
 COM Combustion (11137)
 ECT Engine Controls (11141)
 EHM Engine Health Monitoring (11145)
 EPD Emissions pollution (11148)
 EXP Experimental Facilities and Measurement Techniques (11146)
 FUL Fuels and Lubricants (11143)
 HTT Heat Transfer (11139)
 NVR Nozzles, Vectored Thrust, Reheat (11140)
 PER Performance (11135)
 TBC Test Bench Calibration (11144)
 TPA Turbomachinery / Propulsion Aerodynamics (11136)

Aircraft Avionics, Systems & Equipment AVS (11149)
 ACS Aircraft Security (11164)
 AVI Avionics Integration (11158)
 CSD Cockpit Systems, Visualisation & Display Systems (11150)
 CSY Communications Systems (11156)
 ECS Environmental control System (11169)
 ELS Electronic Library System (11160)
 EME Electronics & Microelectronics for on-board systems (11153)
 EPG Electrical Power Generation & Distribution (11165)
 FDR Flight Data/Flight Recording (11155)
 FPS Fire protection systems (11173)
 FUS Fuel systems (11171)
 HUM Aircraft health and usage monitoring system (11161)
 HYD Hydraulic power generation & distribution (11167)
 IDN Identification (11157)
 LGB Landing gear and braking systems (11172)
 LTG Lighting systems (11163)
 NAV Navigation / Flight Management / Autoland (11151)
 OPT Optics - Optronics - Lasers - Image processing and data fusion (11159)
 PAX Passenger and freight systems (11168)
 PNU Pneumatic systems (11166)
 SIN Sensors integration (11154)
 SMA Smart maintenance systems (11162)
 Space Environment (11174)
 WAR Warning Systems (11152)
 WWS Water and waste systems (11170)

Airports APT (11225)
 AES Airport External Safety (11228)
 APA Airport performance assessment (11230)
 ARS Airport Security (11229)
 CMG Crisis management (11227)
 SEQ Security Equipment (11226)

Chemical engineering (11021)
 Chemical process engineering (11025)
 Production technology, process engineering (11026)
 Chemical engineering, technical chemistry (11023)
 Chemical engineering (plants, products) (11022)
 Graphene, 2D materials (11024)
 Chemical engineering, technical chemistry (11023)

Space (11273)
 Socio-economical aspects of Space (11573)
 Education and public outreach (11269)
 Gender in space (11587)
 Space Economy (11574)
 Downstream industry (11264)
 International trade in selected space products (11579)
 The satellite earth observation sector (11577)
 The satellite telecommunications sector (11576)
 Space launch activities worldwide (11578)
 Upstream industry (11263)
 The manufacturing space industry (11575)
 Insurance market for space activities (11580)

Space history (11586)
 Space policy (11581)
 Space and International cooperation (11583)
 Space and society (11585)
 Space law (11582)
 Space R&D (11584)

Space segments (11436)
 Ground segment (11257)
 Launchers (11399)
 Satellites and Probes (11439)
 Assembly, Integration and Verification / Testing (AIV / AIT) (11256)
 Orbital transportation and re-entry systems (11440)
 Space Qualification (11438)
 Space services and products (11441)
 Manufacturing of space products (11437)

Space technology domain (11274)
 Aerothermodynamics & Atmospheric entry (11371)

- Ground Based Facilities (11374)
- Aeroassist & Atmospheric Entry (11372)
- Multi-Disciplinary Tools (11376)
- Flight Testing (11375)
- Computational Tools (11373)
- Materials & Processes (11421)
- Materials Processes (11423)
- Cleanliness and Sterilisation (11424)
- Novel Materials (11422)
- Automation, Telepresence & Robotics (11336)
- Applications and Concepts (11337)
- Automation & Robotics components and Technologies (11339)
- Automation & Robotics Systems (11338)
- Autonomous Rendezvous & Docking (11344)
- Autonomy (11343)
- Sensing & Perception (11018)
- Human-Systems Integration (11342)
- Manipulation (11341)
- Mobility (11340)
- Electromagnetic Technologies and Techniques (11304)
- Antennas (11305)
- EMC/RFC/ESD (11307)
- Revolutionary / Non-conventional concepts (11015)
- Network technologies / Internetworking (10106)
- Wave Interaction and Propagation (11306)
- Radio Frequency / Microwave Communications (10105)
- EEE Components and Quality (11418)
- EEE Component technologies (Magnetic component incl.) (11420)
- Methods and processes for Radiation Hardness Assurance (11419)
- Human exploration destination systems (11409)
- Sustainability & Supportability (11411)
- Construction & Assembly (11416)
- Human Mobility Systems (11412)
- In-Situ Resource Utilization (ISRU) (11410)
- Mission Operations & Safety (11414)
- Modeling, Simulations & Destination Characterization (11415)
- Dust Prevention & Mitigation (11417)
- Habitat Systems (11413)
- Human health, life support, habitation systems (11345)
- Technology and instrumentation in support of life sciences (11346)
- Human Health & Performance (11349)
- Environmental Monitoring, Safety & Emergency Response (11350)
- Environmental Control & Life Support Systems (ECLS) + Habitation Systems (11347)
- Radiation (risk assesment, mitigation, protection, monitoring) (11351)
- Extra vehicular Activity Systems / EVA suits (11348)
- On-Board Data Systems (11275)
- On Board Data Management (11277)
- Payload Data Processing (11276)
- Electronics for IT (I/F, Data Handling, TM/TC) (11278)
- Ground Station System and Networks (11333)
- Ground Station System (11334)
- Ground Communications Networks (11335)
- Ground & Launch Systems Processing (11425)
- Technologies to Improve Mission Safety / Mission Risk (11431)
- Technologies to Increase Reliability and Mission Availability (11430)
- Planetary protection (11426)
- Environmental and Green Technologies (11429)
- Technologies to Optimize the Operational Life-Cycle (11428)
- System Dependability and Safety (11427)
- Mechanisms & Tribology (11352)
- Mechanism core technologies (11353)
- Mechanism engineering (11359)
- Exploration tool technologies (11355)
- MEMS / Microsystems technologies (11357)
- Non explosive release technologies (11354)
- Tribology technologies (11358)
- Control electronics technologies (11356)
- Launch propulsion systems (11377)
- Liquid Rocket Propulsion (11379)

- Supporting Propulsion Technologies and Tools (11381)
- Air Breathing Propulsion (11380)
- Unconventional / Other Propulsion Systems (11382)
- Solid Rocket Propulsion (11378)
- Mission Operation and Ground Data systems (11313)
- Ground Data Systems (MCS) (11316)
- Mission Operations (11315)
- Advanced System Concepts (11314)
- Optics (11360)
- Optical component technology and materials (11362)
- Optical equipment and instrument technology (11363)
- Optical system engineering (11361)
- Optoelectronics (10889)
- Other Photonics (11366)
- Detector Technologies (11365)
- Emitter Technologies (11364)
- Optical Communications (10107)
- RF Payload and Systems (11298)
- Microwave and millimeter wave technologies and equipments (11303)
- RF Payloads (11302)
- Radio Navigation (sub-)Systems (11300)
- Telecommunication (sub-)Systems (11299)
- TT&C (sub-)Systems (11301)
- System Design & verification (11308)
- Collaborative and Concurrent Engineering (11310)
- Verification and AIT (11312)
- Mission and System Specification (11309)
- System Analysis and Design (11311)
- Flight Dynamics / Position, Navigation, and Timing (11317)
- Atomic clocks (11320)
- Auto Approach & Landing (11327)
- Auto Precision Formation Flying (11326)
- Onboard Auto Navigation & Maneuver / Guidance (11323)
- GNSS systems and ground-related technologies (11319)
- GNSS receivers (11322)
- Timekeeping & Time Distribution (11321)
- Relative & Proximity Navigation (11325)
- Flight Dynamics (11318)
- Sensors & Vision Processing Systems (11324)
- Structures & Pyrotechnics (11390)
- Active/adaptive structures (11395)
- Inflatable and deployable structures (11393)
- Hot structures (11394)
- Vehicle Technology / Mobility (11402)
- Damage tolerance and health monitoring (11396)
- Landing systems (11401)
- High stability and high precision S/C structures (11392)
- Pyrotechnics technologies (11398)
- Structural design and verification methods and tools (11391)
- Advanced structural concepts and materials (11397)
- Re-entry vehicles (atmospheric entry / descent) (11400)
- Thermal (11403)
- Cryogenics and Refrigeration (11405)
- Thermal Control / Heat Storage and Rejection (11407)
- Heat Transport Technology (11404)
- Thermal Protection Systems (11406)
- Thermal Analysis Tools (11408)
- Science instruments and sensor systems (11367)
- In-Situ Instruments / sensors (11369)
- Electronics for instruments and sensors (11370)
- Remote Sensing Instruments / Sensors (11368)
- Spacecraft Electrical Power (11286)
- Power system architecture (11287)
- Energy storage technologies (11289)
- Power generation technologies (11288)
- Power conditioning and distribution (11290)
- Spacecraft Environment & Effects (11291)
- Space Weather effects on ground systems (11294)
- Space Weather effects on space systems (11293)

- Space Environment (11174)
- Space Environment effects (11292)
- Space data exploitation (11432)
 - Data mining and searching techniques (11434)
 - Data and image processing (10275)
 - Data archiving (11433)
 - Planetary and structure mapping (10277)
 - Mathematical and numerical techniques (10287)
 - Very large data bases: archiving, handling and analysis (10274)
 - Visual techniques / Visual analytics / Intelligent data understanding (11435)
- Space System Control (11295)
 - Space system architecture and autonomy (11296)
 - Space segment Guidance Navigation and Control (GNC) (11297)
- Space System Software (11279)
 - Advanced Software technologies (11280)
 - Ground Data Processing (11283)
 - Ground Segment Software (11282)
 - Earth Observation Payload Data Exploitation (11284)
 - Software Quality (11285)
 - Space Segment Software (11281)
- Space Debris (11328)
 - Hyper-Velocity Impact (HVI) and Protection (11331)
 - Measurements and characterization (11329)
 - Meteoroid and debris shield design and analysis (11332)
 - Modelling, Databases and Risk Analysis (11330)
- In-Space propulsion Technologies (11383)
 - Electric Propulsion (11385)
 - Chemical Propulsion (11384)
 - Tether Propulsion (11388)
 - Solar Sail Propulsion (11386)
 - Thermal Propulsion (11387)
 - Advanced (TRL<3) propulsion technologies (Nuclear, beams, high energetic, electric sail) (11389)
- Space activity domains (11442)
 - Human Exploration Spaceflight (11472)
 - Human exploration beyond low Earth orbit (11476)
 - Low Earth orbit missions (11475)
 - Astronaut training (11473)
 - Flight operations (11474)
 - Prelaunch operations (11443)
 - Ground test facilities (11446)
 - Integration facilities (11445)
 - Mission planning and preparation (11444)
 - Aerial test facilities (planes / balloons / parabolic flights) (11447)
- Earth Observation / Services and applications (11487)
 - Alternative energy (11497)
 - Minerals and mining (11513)
 - Insurance & Finance (11507)
 - Health (11505)
 - Other applications (11525)
 - Construction, Civil engineering, Infrastructures (11501)
 - Forestry (11488)
 - Sustainable development and nature protection (11520)
 - Ground infrastructure (11458)
 - Geographical and positioning technologies, satellites (11524)
 - Geo-information and spatial data analysis (10102)
 - Fisheries (11504)
 - Border surveillance (11498)
 - Local and Regional planners (11510)
 - Humanitarian Operations (11506)
 - Real-estate management (11516)
 - Legal & Forensic (11508)
 - Retail & Geo-marketing (11518)
 - Environment, Pollution & Climate (11503)
 - Utilities (water, electricity, waste) (11523)
 - Research (11517)
 - Education & Training (11502)
 - Oil and gas (11515)
 - Civil security (11499)

Regions (Copernicus for) (11519)
S1 - Atmosphere monitoring (Copernicus service) (11490)
S2 - Marine monitoring (Copernicus service) (11491)
S3 - Land monitoring (Copernicus service) (11492)
S4 - Climate change monitoring (Copernicus service) (11493)
S5 - Emergency response (Copernicus service) (11494)
S6 - Security (Copernicus service) (11495)
News and Media (11514)
Leisure (11509)
Transport & Mobility (11522)
Communications (11500)
Maritime surveillance (11512)
Tourism / Travel (11521)
Space Component (11489)
Management of urban areas (11511)
Water resources (10448)
Global Satellite Navigation System (GNSS) / Services & Applications (11526)
Certification of applications (11540)
BEIDOU / Compass (11532)
In-door navigation (11546)
EGNOS - European Geostationary Navigation Overlay Service (11541)
Other applications (11525)
Other satellite navigation systems (DORIS, IRNSS, QZSS) (11536)
Authentication (11539)
Civil engineering (10808)
Ground infrastructure (11458)
GALILEO (11533)
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GPS (NAVSTAR) (11534)
Fisheries (11504)
Location-based applications (11547)
Positioning calculation / Techniques (11556)
Humanitarian services (11545)
Integrity (RAIM, SBAS) (11557)
Augmented positioning (ABAS, GBAS, GRAS, SBAS) (11538)
Transport Road (11554)
Transport Aviation / Air traffic management (ATM) (11551)
Finance, banking, insurance (11544)
UAV (11555)
Temporal reference (11550)
Alert and Rescue (11537)
S1 - Open service (OS - Galileo) (11527)
S2 - Safety of Life service (SoL - Galileo) (11528)
S3 - Commercial Service (CS - Galileo) (11529)
S5 - Search and Rescue Service (Galileo) (11531)
S4 - Public Regulated Service (PRS - Galileo) (11530)
Vulnerability (11558)
Emergency services (prevention / response) (11542)
Communications (11500)
Transport Maritime (11552)
Science, environment, weather (11548)
Space Component (11489)
Transport Railway (11553)
In-space multidisciplinary research and technology development (11477)
Material science (11480)
Autonomous spacecrafts (11479)
Biological sciences (10545)
Physical sciences (10154)
ISS / Space stations / Manned spacecrafts (11478)
Chemical sciences (10293)
Medical sciences (11481)
Psychology (11482)
Microgravity (11483)
Telecommunications (11456)
Ground infrastructure (11458)
Networking (11460)
Radio interfaces (11459)
Policy and Promotion (11464)
Regulatory and Standardization (11463)

- Services and applications (11462)
- Terminals (11461)
- Space Segment (11457)
- Science / Robotic Exploration (11465)
 - Astrophysics missions (11469)
 - Planetary Science missions (11467)
 - Fundamental Physics missions (11470)
 - Ground stations (11471)
 - Earth Science missions (11466)
 - Heliophysics missions (11468)
- Emergent and future domains (11569)
 - On-orbit satellite servicing (11570)
 - Space tourism (11571)
 - Space-based solar power (11572)
- Space transportation (11448)
 - Interplanetary / Deep space transportation (11455)
 - Crewed and cargo missions beyond low Earth orbit (11454)
 - Low Earth orbit crew missions (11453)
 - Launch vehicles (11450)
 - Launch pads (11449)
 - Suborbital flights (11451)
 - Low Earth orbit cargo missions (11452)
- Protection of assets in and from Space (11559)
 - Orbital Debris / Space Debris (11560)
 - NEO - Near Earth Objects (11561)
 - SSA - Space Situational Awareness (11563)
 - SST - Space Surveillance and Tracking (11562)
 - Space weather (10248)
- Defence (11564)
 - Earth surveillance / High resolution imagery (11565)
 - On satellite communications (11566)
 - Space Surveillance and tracking (11567)
 - Other aspects in Defence (11568)
- Electrical engineering, Electronic engineering, Information engineering (10880)
- Automation and control systems (10962)
 - ERTMS (10967)
 - TSI (Technical Specifications for Interoperability) (10969)
 - Rail interoperability (10968)
 - Rail Traffic Management (10964)
 - River Information Services (RIS) (10972)
 - NAIADES (10973)
 - PLATINA (10974)
- Networks (communication networks, sensor networks, networks of robots, etc.) (10111)
- Control engineering (10963)
 - Monitoring and control systems (10125)
- Air Traffic Management (ATM) (10970)
 - Inland ports (10971)
- Systems engineering, sensorics, actorics, automation (10888)
 - Embedded systems (10124)
 - System of systems (10883)
- Robotics and automatic control (10892)
 - Robotics for healthcare (10929)
 - Therapy and rehabilitation (10931)
 - Robotics for training (10932)
 - Surgical robotics (10930)
 - Assistive robotics (10933)
 - Human robot interaction (10907)
 - Man Machine interface (10908)
 - Human robot collaboration (10909)
 - Robot safety (10910)
 - Robotics for consumer applications (10956)
 - Assistive living (10958)
 - Domestic appliances (10957)
 - Robotics for monitoring and security (10961)
 - Robotics for education (10959)
 - Robotics for entertainment (10960)
 - Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video) (10099)
 - Robotics for manufacturing (10924)

Food processing (10926)
Industrial robot (10925)
Craft and bespoke manufacture (10928)
Soft products manufacture (10927)
Robotics for commercial applications (10946)
Robotics for mining and quarrying (10947)
Robotics for construction (10949)
Robotics for inspection and monitoring (10950)
Robotics for utilities and service (10948)
Robotics for marketing (10951)
Robotics for transport and logistics (10952)
Robotics for goods transport (10953)
Warehousing (10955)
Robotics for people transport (10954)
Mechatronics (10900)
Robotic sensors (10902)
Robotic actuators (10903)
Robotic communication (10905)
Mechanical structures of robots (10901)
Robotic control (10904)
Power supply (10906)
Robotics for agriculture, forestry and fishing (10934)
Robotics for animal production (10936)
Robotics for forestry (10937)
Robotics for fishing (10938)
Robotics for agriculture (10935)
Robotics for civil applications (10939)
Robotics for law enforcement (10944)
Robotics for environment (10941)
Robotics for search and rescue (10942)
Robotics for civil engineering (10940)
Robotics for emergency services (10943)
Robotics for science Support (10945)
Robotics (10893)
Robotic system development (10894)
Modelling and knowledge engineering (10899)
System architecture (10897)
System integration (10898)
System engineering (10896)
System design (10895)
Robotic cognition (10918)
Action planning (10922)
Cognitive architectures (10919)
Learning, development and adaptation (10920)
Natural interaction (10923)
Knowledge representation and reasoning (10921)
Robot navigation (10914)
Localisation (10916)
Motion planning (10917)
Mapping (10915)
Robotic perception (10911)
Sensing (10912)
Signal interpretation (10913)
Computer hardware and architecture (10980)
Distributed Social Networks (10056)
Gender in computer hardware and architecture (10982)
Intelligent Transport Systems (ITS) (10981)
Optical interconnects (10983)
Computer architecture, pervasive computing, ubiquitous computing (10036)
High performance computing (10037)
Communication engineering and systems telecommunications (10975)
Communication technology, high-frequency technology (10832)
Internet of Things (10109)
Network technologies / Internetworking (10106)
Internet architectures (10108)
Radio Frequency / Microwave Communications (10105)
Experimentally-driven research and innovation (10148)
FIRE, Future Internet Research and Experimentation (10149)
Systems engineering, sensorics, actorics, automation (10888)

- Embedded systems (10124)
- System of systems (10883)
- Rail Communication Technology (10977)
- Rail Signalling (10978)
- Wireless communications, communication, high frequency, mobile technology (10979)
- Electrical and electronic engineering (10881)
- Electronics, photonics (10884)
- Photonics (10621)
 - Biophotonics (10622)
 - Biophotonics, Imaging, image and data processing (12261)
 - Semiconductor lasers (10890)
 - Photonic integration, photonic integrated circuits (10229)
 - Imaging, image and data processing (10214)
 - Vision, colour, visual optics (10235)
 - Laser-based manufacturing and materials processing (10217)
 - Laser-based processing (11016)
 - Quality control (11011)
 - Lighting (10827)
- Intelligent robotics, cybernetics (10885)
- Industrial Automation and Robotics, mechatronics (10886)
- Micro (system) engineering (10887)
- Systems engineering, sensorics, actorics, automation (10888)
 - Embedded systems (10124)
 - System of systems (10883)
- Organic electronics (10891)
 - Semiconductor lasers (10890)
 - Photonic integration, photonic integrated circuits (10229)
- Electrical and electronic engineering: semiconductors, components, systems (10882)
 - Embedded systems (10124)
 - System of systems (10883)
- MEDICAL AND HEALTH SCIENCES (12124)
- Basic medicine (12125)
 - Anatomy and morphology (12133)
 - Auditive system (12138)
 - Human anatomy (12137)
 - Human morphology (12135)
 - Secreting systems (12142)
 - Pathological anatomy (12136)
 - Respiratory system (12141)
 - Locomotion system (12140)
 - Neuroanatomy and neurophysiology (12134)
 - Cardiovascular system (12139)
- Pharmacology and pharmacy (12184)
 - Basic pharmacology (12185)
 - Pharmacology, pharmacogenomics, drug discovery and design, drug therapy (12197)
 - Pharmaceutical development (12188)
 - Drug development, clinical phases (12199)
 - Pharmacodynamics (12203)
 - Pharmacokinetics (12204)
 - Clinical development, Phase I (12200)
 - Clinical development, Phase II (12201)
 - Clinical development, Phase III (12202)
 - Drug development, late phases (12205)
 - Pharmacovigilance (12207)
 - Regulatory affairs (12206)
- Pharmacognosy (12187)
- Pharmaceutical chemistry (10398)
- Clinical Pharmacology (12189)
 - Patient safety (12195)
 - Patient stratification (12196)
 - Clinical data (12190)
 - Clinical targets (12192)
 - Clinical information (12191)
 - Clinical trials (12193)
 - Co-morbidity (12194)
- Cosmetology (12186)
- Neurochemistry and neuropharmacology (10590)
- Translational medicine (12198)
- Physiology (including cytology) (12208)

Neuroanatomy and neurophysiology (12134)
 Comparative physiology and pathophysiology (12210)
 Organ physiology and pathophysiology (12209)
 Human genetics (12143)
 Epigenetics and gene regulation (10641)
 Genetic epidemiology (10642)
 Genomics, comparative genomics, functional genomics (10638)
 Gene therapy, cell therapy, regenerative medicine (12144)
 Quantitative genetics (10640)
 Molecular genetics, reverse genetics and RNAi (10639)
 Neurosciences (including psychophysiology) (12158)
 Brain research (12165)
 Brain simulation and modeling (12182)
 Brain simulation; brain modelling; molecular neuroscience; cellular neuroscience;
 cognitive neuroscience; theoretical neuroscience (12183)
 Sensory systems (e.g. visual system, auditory system) (12178)
 Mechanisms of pain (12179)
 Developmental neurobiology (10655)
 Neuroinflammatory disorders (12173)
 Neurosurgical disorders (12174)
 Cognition (e.g. learning, memory, emotions, speech) (12180)
 Higher brain functions (12170)
 Mental health (12169)
 Mental disorders (12168)
 Molecular and cellular neuroscience (10549)
 Motorneuron disorders (12172)
 Neuroimaging and computational neuroscience (10116)
 Neuroanatomy and neurophysiology (12134)
 Neurobiology (12159)
 Neurodegenerative disorders (12166)
 Dementia (12167)
 Neuroendocrinological disorders (12175)
 Neurophysiology (12163)
 Neuroinformatics (12161)
 Neurochemistry and neuropharmacology (10590)
 Neurochemistry (12160)
 Neurology (12162)
 Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's
 disease) (12181)
 Neuropsychology (12164)
 Psychiatric disorders (12171)
 Systems neuroscience (12176)
 Behavioural neuroscience (e.g. sleep, consciousness, handedness) (12177)
 Immunology (12146)
 Adaptive immunity (12148)
 Activation immunotherapies (12156)
 Allergology (12153)
 Phagocytosis and cellular immunity (12149)
 Biological basis of immunity related disorders (12155)
 Immunogenetics (12152)
 Immunological memory and tolerance (12151)
 Immunosignalling (12150)
 Suppression immunotherapies (12157)
 Vaccines (12154)
 Innate immunity and inflammation (12147)
 Pathology (12211)
 General pathology (12214)
 Psychophysiology of ageing (12212)
 Pathological anatomy (12136)
 Ageing (12213)
 Ageing, work, social policies (12848)
 Comparative physiology and pathophysiology (12210)
 Organ physiology and pathophysiology (12209)
 Toxicology (10572)
 Acute toxicity (12129)
 Alcohol diseases (12126)
 Safety Pharmacology (12132)
 Drug diseases (12127)
 Developmental toxicity (12131)

- Chronic toxicity (12130)
- Poisoning (12128)
- Health sciences (12347)
- Substance abuse (12527)
- Alcohol (12528)
- Drugs (12529)
- Health policy and services (12384)
- Public health policies (12386)
- Anorexia (12387)
- Obesity (12287)
- Privacy policies (12385)
- Health care sciences and services (including hospital administration, health care financing) (12364)
- Healthcare system (12368)
- Patient care (12373)
- Quality of health care (12374)
- Health management systems (12369)
- Medical service (12372)
- Integrated care (12371)
- Clinical management (12366)
- Homecare (12370)
- Comparative effectiveness research (12375)
- Health services, health care research (12365)
- Pharmacoeconomics (12376)
- Cost efficiency (12377)
- Personalised medicine (12378)
- Personalised interventions (12380)
- Personalised care solution (12379)
- Personalised treatment (12383)
- Personalised prevention (12381)
- Personalised services (12382)
- Infectious diseases (12457)
- Antimicrobial resistance (12495)
- Antibiotics (12496)
- Antimicrobials (12497)
- Biofilm (12500)
- ESBL (12502)
- Phages (12504)
- Fungi (12469)
- Gram-negative (12498)
- Gram-positive (12499)
- Prescription practises (12501)
- MRSA (12503)
- Transmission (12458)
- Vector control (12460)
- Transmission mechanism (12459)
- Tick (12462)
- Mosquito (12461)
- Neglected Infectious Diseases (12472)
- Sleeping Sickness (12474)
- Babesiosis (12484)
- Buruli Ulcer (12476)
- Chagas (12475)
- Onchocerciasis (12479)
- Diarrhoeal diseases (12477)
- Hookworm (12480)
- Tick-borne diseases (12482)
- Encephalitis (12483)
- Leishmaniasis (12473)
- Lyme borreliosis (12485)
- Schistosomiasis (12478)
- Rabies (12481)
- Virulence (12463)
- Emerging Epidemics (12486)
- Severe acute respiratory syndrome (12493)
- SARS (12492)
- Chikungunya (12489)
- Dengue (12491)
- Hepatitis (12494)

Influenza (12487)
Crimean Congo Haemorrhagic Fever (12490)
West Nile (12488)
Pathogen agents (12465)
 Bacteria (12467)
 Helminths (12470)
 Fungi (12469)
 Prions (12471)
 Protozoa (12468)
 Viruses (12466)
Venereology (12464)
Occupational health (12505)
 Industrial medicine (12507)
 Occupational therapy (12509)
 Environment and health risks, occupational medicine (12506)
 Occupational safety (12508)
Nursing (12388)
Epidemiology (12327)
 Surveillance (11653)
 Preparedness (12354)
 Early warning systems (12353)
Sustainable exploitation (12361)
 Resource studies (12362)
 Traditional uses (12363)
Disease control (12356)
Risk scores (12360)
Cohort studies (12357)
Collective Awareness Platforms (10152)
Meta-analysis (12358)
Registries (12359)
Radiological epidemiology (12355)
Public and environmental health (12393)
 Environmental health (12436)
 Behaviourism (12439)
 Disease prevention (12441)
 Disease determinants (12440)
 Smoking (12451)
 Ethnicists (12445)
 Physical activity (12448)
 Physical stressors (12449)
 Global health (12425)
 Globalisation (12447)
 Elderly (12442)
 Futurology (12446)
 Environmental risk measurement (12453)
 Environmental stressors (12443)
 Atmospheric allergens (12438)
 Atmospheric pollution (12437)
 Equity (12444)
 Socioeconomic stressors (12452)
 Sedentary behaviour (12450)
 Water related insults (12454)
 Public health (12328)
 Empowerment (12431)
 Degenerative diseases (12433)
 Dementia (12167)
 Depression (12423)
 Diagnostic technology (12430)
 Healthy lifestyle (12411)
 Healthy ageing (12410)
 Health promotion (12407)
 Health behaviour (12396)
 Health determinants (12399)
 Health policies (12406)
 Health data (12398)
 Health sector (12408)
 Health inequalities (12401)
 Health outcomes (12405)
 Health information (12402)

- Health literacy (12404)
- Health law rights (12403)
- Health education (12400)
- Self-management (12418)
- Health technology assessment (12409)
- Health care (12397)
- Primary prevention (12413)
- Global health (12425)
- Child health (12422)
- Tertiary prevention (12419)
- HIV/AIDS (12426)
- Wellbeing (12421)
- Emergent diseases (12420)
- Risk factors (12242)
- Co-morbidity (12194)
- Chronic diseases (12432)
- Malaria (12427)
- Secondary prevention (12416)
- Morbidity (12424)
- Self-care (12417)
- Prevention programme (12412)
- Rare diseases (12434)
- Salutogenesis (12414)
- Poverty related diseases (12429)
- Prenatal health (12395)
- Perinatal health (12394)
- Screening programme (12415)
- Tuberculosis (12428)
- Public health and epidemiology (12329)
- Population dynamics, aging, health and society (12455)
- Medical ethics (12526)
- Sport and fitness sciences (12510)
- Physical medicine (12512)
 - Physiotherapy (12514)
 - Kinesiotherapy (12513)
 - Rehabilitation (12515)
- Sport medicine (12511)
- Nutrition, Dietetics (12389)
 - Collective Awareness Platforms (10152)
 - Nutrition related disorders (12391)
 - Therapeutic nutrition (12390)
 - Space food (12392)
- Social biomedical sciences (includes family planning, sexual health, psycho-oncology, political and social effects of biomedical research) (12516)
 - Family medicine (12519)
 - Households, family and fertility (12524)
 - Population dynamics, aging, health and society (12455)
 - Systems medicine (12523)
 - Sexology (12517)
 - Sexual health (12518)
 - Social medicine, Hygiene (12520)
 - Occupational hygiene (12522)
 - Environmental hygiene (12521)
 - Social structure, inequalities, social mobility, interethnic relations (12525)
- Tropical medicine (12456)
 - Parasitology (10564)
 - Animal parasitology (10565)
 - Human parasitology (10566)
 - Plant parasitology (10567)
- Other medical sciences (12548)
 - Forensic science (12561)
 - DNA analysis (12563)
 - Drugs analysis (12564)
 - Explosives (10384)
 - Fingerprinting (12562)
- Clinical medicine (12215)
 - Allergy (12280)
 - Biological basis of immunity related disorders (e.g. autoimmunity) (12281)
 - General and internal medicine (12324)

- Andrology (12216)
- Anaesthesiology (12250)
- Dermatology and venereal diseases (12279)
- Other clinical medicine subjects (12325)
 - Medical statistics (12326)
 - Gender in clinical medicine (12337)
 - Clinical research (12330)
 - Interventional clinical trials (12335)
 - Statistics in clinical trials, Phase I (12331)
 - Statistics in clinical trials, Phase II (12332)
 - Statistics in clinical trials, Phase III (12333)
 - Statistics in clinical trials, Phase IV (12334)
 - Public health and epidemiology (12329)
 - Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases) (12336)
- Endocrinology and metabolism (including diabetes, hormones) (12283)
 - Metabolism, biological basis of metabolism related disorders (12286)
 - Diabetology (12291)
 - Other diabetes (12294)
 - Other diabetes complications (12300)
 - Type 1 diabetes (12292)
 - Ulcers (12298)
 - Type 2 diabetes (12293)
 - Nephropathy (12295)
 - Neuropathy (12296)
 - Polycystic Ovarian Syndrome (12299)
 - Retinopathy (12297)
 - Endocrinology (12284)
 - Hormones (12285)
 - Physical activity/Exercise (12301)
 - Glycomics (10589)
 - Metabolomics (10588)
- Dentistry, oral surgery and medicine (12274)
 - Odontology (12276)
 - Dental surgery (12277)
 - Dental health (12275)
 - Stomatology (12278)
- Otorhinolaryngology (12312)
 - Audiology (12313)
 - Audiologopaedia (12314)
 - Speech therapy (12316)
 - Phoniatry (12315)
- Gastroenterology and hepatology (12302)
- Geriatrics and gerontology (12323)
 - Neurodegenerative disorders (12166)
 - Dementia (12167)
- Paediatrics (12220)
- Hematology (12245)
- Integrative and complementary medicine (alternative practice systems) (12338)
 - Acupuncture (12341)
 - Aromatherapy (12344)
 - Osteopathy (12343)
 - Hypnosis (12345)
 - Homeopathy (12339)
 - Chiropraxy (12342)
 - Non-drug therapies (12346)
 - Phytotherapy (12340)
- Critical care medicine and Emergency medicine (12247)
 - Intensive care (12249)
 - Emergency medicine (12248)
- Clinical neurology (12322)
 - Mechanisms of pain (12179)
 - Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease) (12181)
 - Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder) (12318)
 - Respiratory systems (12246)
 - Oncology (12306)

Quality-of-life (12308)
Haematology (12309)
Anticancer therapy (12307)
Cancer and its biological basis (12310)
Orthopaedics (12251)
Podiatry (12252)
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Psychiatry (12317)
Child psychiatry (12319)
Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder) (12318)
Forensic psychiatry (12320)
Psychosomatics (12321)
Radiology, nuclear medicine and medical imaging (12262)
Dosimetry (12263)
Internal dosimetry (12265)
External dosimetry (12264)
Retrospective dosimetry (12266)
Photonics (10621)
Biophotonics (10622)
Biophotonics, Imaging, image and data processing (12261)
Semiconductor lasers (10890)
Photonic integration, photonic integrated circuits (10229)
Imaging, image and data processing (10214)
Vision, colour, visual optics (10235)
Laser-based manufacturing and materials processing (10217)
Laser-based processing (11016)
Quality control (11011)
Lighting (10827)
Communication technology, high-frequency technology (10832)
Internet of Things (10109)
Network technologies / Internetworking (10106)
Internet architectures (10108)
Radio Frequency / Microwave Communications (10105)
Signal processing (10026)
Low level laser therapy (12270)
Laser therapy and diagnosis (12271)
Ultrasound therapy (12272)
Neuroimaging and computational neuroscience (10116)
Radiotherapy (12268)
Radiation therapy (12267)
Tomography (12269)
Rheumatology (12282)
Biological basis of immunity related disorders (e.g. autoimmunity) (12281)
Surgery (12253)
Analgesia and Surgery (12254)
Photonics (10621)
Biophotonics (10622)
Biophotonics, Imaging, image and data processing (12261)
Semiconductor lasers (10890)
Photonic integration, photonic integrated circuits (10229)
Imaging, image and data processing (10214)
Vision, colour, visual optics (10235)
Laser-based manufacturing and materials processing (10217)
Laser-based processing (11016)
Quality control (11011)
Lighting (10827)
Abdominal surgery (12255)
Neurosurgery (12258)
Microsurgery (12257)
Plastic surgery (12259)
Robotics (10893)
Cardiovascular surgery (12256)
Traumatology (12260)
Ophthalmology (12311)
Cardiac and Cardiovascular systems (12221)
Acute syndroms (12223)
Aortic disease (12224)

- Biomarkers (12227)
- Pediatric cardiology (12240)
- Interventional Cardiology (12233)
- Hypertension (12235)
 - Arterial (12236)
 - Pulmonary (12237)
- Prevention (12241)
 - Risk factors (12242)
- Myocardial and pericardial diseases (12238)
- Percutaneous Cardiovascular Interventions (12239)
- Arrhythmias (12225)
 - Electrophysiology (12226)
- Cardiac rehabilitation (12231)
- Valvular heart diseases (12243)
- Heart failure (12234)
- Cardiovascular diseases (12222)
- Cardiac Imaging (12228)
 - Invasive (12230)
 - Non-invasive (12229)
- Translational medicine (12198)
- Congenital heart disease (12232)
- Obstetrics and gynaecology (12217)
 - Gynaecology (12218)
 - Obstetrics (12219)
- Transplantation (12273)
- Urology and nephrology (12303)
 - Nephrology (12304)
 - Urology (12305)
- Medical biotechnology (12530)
 - Biomaterials (as related to medical implants, devices, sensors) (12543)
 - Biomaterials, biomaterials synthesis (11032)
 - Physics of biological systems (10618)
 - Technologies involving identifying the functioning of DNA, proteins and enzymes and how they influence the onset of disease and maintenance of well-being (gene-based diagnostics and therapeutic interventions (pharmacogenomics, gene-based (12539)
 - Biomarkers (12227)
 - Diagnostics (12541)
 - Clinical analysis (12542)
 - Pharmacogenomics (12540)
 - Health-related biotechnology (12531)
 - Medical biotechnology related ethics (12544)
 - Biomedical software (12546)
 - Software validation (12547)
 - Tissue banks (12545)
 - Technologies involving the manipulation of cells, tissues, organs or the whole organism (assisted reproduction) (12532)
 - Animal biotechnology (12536)
 - Biomaterial engineering (12533)
 - Photonics (10621)
 - Biophotonics (10622)
 - Biophotonics, Imaging, image and data processing (12261)
 - Semiconductor lasers (10890)
 - Photonic integration, photonic integrated circuits (10229)
 - Imaging, image and data processing (10214)
 - Vision, colour, visual optics (10235)
 - Laser-based manufacturing and materials processing (10217)
 - Laser-based processing (11016)
 - Quality control (11011)
 - Lighting (10827)
 - Neuroimaging and computational neuroscience (10116)
 - Biomedical engineering (12534)
 - Regenerative medicine (12537)
 - Stem cell therapy (12538)
 - Tissue engineering (12535)
- SOCIAL SCIENCES (12740)
 - Other social sciences (12956)
 - Social sciences, interdisciplinary (12965)
 - Collective Awareness Platforms (10152)
 - Social structure, inequalities, social mobility, interethnic relations (12525)

- Social studies of science and technology (12966)
- Intellectual property rights (12967)
- Law (12870)
 - Law, criminology, penology (12871)
 - Human rights (12876)
 - Trafficking in human beings (12873)
 - Gender in law, criminology and penology (12877)
 - Global and transnational governance, international law, human rights (12880)
 - Legal systems, constitutions, foundations of law (12878)
 - History of law (12874)
 - Legal studies, constitutions, comparative law (12872)
 - Private, public and social law (12879)
 - International relations (12875)
- Economics and Business (12776)
 - Business and Management (12803)
 - Human resource management (12807)
 - Energy planning (12811)
 - Gender in business and management (12818)
 - Innovation (12826)
 - Digital Social Innovation (12829)
 - Participatory Innovation (12827)
 - New Economic models beyond GDP (12828)
 - Industrial policy (12816)
 - Productivity (12817)
 - Clusters (12815)
 - Environmental planning (12810)
 - Research management (12808)
 - Marketing (12813)
 - Microeconomics, behavioural economics (12779)
 - Microeconomics (12804)
 - Behavioural economics (12805)
 - Organization studies: theory & strategy, industrial organization (12801)
 - Social economics (12809)
 - Natural resources and environmental economics (12812)
 - Competitiveness, innovation, research and development (12814)
 - Web Entrepreneurship (12819)
 - E-Commerce (12825)
 - Accelerators (12823)
 - Startups (12822)
 - Web Talent (12824)
 - Industrial relations (12800)
 - Industrial economics (12802)
 - Organization studies: theory & strategy, industrial organization (12801)
 - Economics, Econometrics (12777)
 - Data value chains (12795)
 - Data markets (12797)
 - Data reuse (12796)
 - Linked open data (10095)
 - Open data (10098)
 - Semantic web technologies (10094)
 - Banking, corporate finance, accounting (12782)
 - Development, economic growth (12791)
 - Economic geography (12788)
 - History of economic thought and quantitative economic history (12789)
 - Economic history, development (12790)
 - Beyond GDP (12798)
 - Low-Carbon economy (12799)
 - Gender in economics (12794)
 - Economics of innovation (12793)
 - Internet Science (10976)
 - Public economics (12784)
 - Macroeconomics (12786)
 - Microeconomics, behavioural economics (12779)
 - Microeconomics (12804)
 - Behavioural economics (12805)
 - Labour economics, income distribution and poverty (12783)
 - International trade (12787)
 - Econometrics, statistical methods (12778)
 - Financial markets, asset prices, international finance (12781)

Political economy, institutional economics, law and economics (12780)
Urban and regional economics (12792)
Media and communications (12943)
Information science (social aspects) (12946)
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Communication networks, media, information society (10104)
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Internet architectures (10108)
Mobile Sensor devices (10110)
Optical Communications (10107)
Radio Frequency / Microwave Communications (10105)
Web and information systems, database systems, information retrieval and digital libraries, data fusion (10093)
Data curation (10097)
Data visualization (10096)
Linked open data (10095)
Open data (10098)
Open Access, Open Access to publications, Open Access to data, OA, linked open data, semantic web technologies (12948)
Semantic web technologies (10094)
Library science (12947)
Communication networks, media, information society (10104)
Internet of Things (10109)
Global Systems Science, GSS (12945)
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Mobile Sensor devices (10110)
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Radio Frequency / Microwave Communications (10105)
Web and information systems, database systems, information retrieval and digital libraries, data fusion (10093)
Data curation (10097)
Data visualization (10096)
Linked open data (10095)
Open data (10098)
Open Access, Open Access to publications, Open Access to data, OA, linked open data, semantic web technologies (12948)
Semantic web technologies (10094)
Media and socio-cultural communication (12949)
Gender in media and communication (12954)
Behavioural change campaigns (12955)
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Communication networks, media, information society (10104)
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Global Systems Science, GSS (12945)
Network technologies / Internetworking (10106)
Internet architectures (10108)
Mobile Sensor devices (10110)
Optical Communications (10107)
Radio Frequency / Microwave Communications (10105)
Media and communication strategies, campaigns, outreach activities (12951)
General (12952)
Science Communication (12953)
Computer graphics, computer vision, multi media, computer games (10076)
Multi media (10079)
Computer graphics (10077)
Computer games (10080)
Computer vision (10078)
Web and information systems, database systems, information retrieval and digital libraries, data fusion (10093)
Data curation (10097)
Data visualization (10096)
Linked open data (10095)
Open data (10098)
Open Access, Open Access to publications, Open Access to data, OA, linked open data, semantic web technologies (12948)
Semantic web technologies (10094)

Journalism (12944)
Communication networks, media, information society (10104)
Internet of Things (10109)
Global Systems Science, GSS (12945)
Network technologies / Internetworking (10106)
Internet architectures (10108)
Mobile Sensor devices (10110)
Optical Communications (10107)
Radio Frequency / Microwave Communications (10105)
Educational sciences (12830)
Education, general (including training, pedagogy, didactics) (12831)
Energy education (12844)
Gender in education (12843)
Education policy (12842)
Education: systems and institutions, teaching and learning (12832)
Adult education (12837)
Higher education (12836)
Formal education (12840)
ICT in education and learning (12838)
Informal education (12078)
School education (12835)
Non-formal education (12841)
Education and learning of languages (12839)
Pre-school education (12834)
Education, special (to gifted persons, those with learning disabilities) (12845)
Political science (12881)
Public administration (12785)
Global and transnational governance, international law, human rights (12880)
Open government (12883)
Political systems and institutions, governance (12882)
(animal) welfare (12895)
Lifelong learning (12904)
(human) rights (12894)
Moral /morality (12893)
Responsible Research and Innovation (RRI) (12892)
Formal science education (12906)
Gender (12897)
Informal science education (12907)
Integrity (12896)
Training (11870)
Research data (12913)
Privacy (10064)
Public engagement (12898)
Open access (12911)
Pedagogy (12910)
Participatory/Participation (12899)
Dialogue (12901)
(scientific) culture (12900)
Science education (12903)
(science) communication (12902)
Science museums (12905)
Scientific literacy (12908)
Scientific publication (12912)
Science, technology and mathematics (STEM) (12909)
Organisation theory (12891)
Political systems and institutions, governance (12882)
(animal) welfare (12895)
Lifelong learning (12904)
(human) rights (12894)
Moral /morality (12893)
Responsible Research and Innovation (RRI) (12892)
Formal science education (12906)
Gender (12897)
Informal science education (12907)
Integrity (12896)
Training (11870)
Research data (12913)
Privacy (10064)
Public engagement (12898)

- Open access (12911)
- Pedagogy (12910)
- Participatory/Participation (12899)
- Dialogue (12901)
- (scientific) culture (12900)
- Science education (12903)
- (science) communication (12902)
- Science museums (12905)
- Scientific literacy (12908)
- Scientific publication (12912)
- Science, technology and mathematics (STEM) (12909)
- Psychology (12741)
 - Psychology (including human - machine relations) (12742)
 - Evolution of mind and cognitive functions, animal communication (12744)
 - Gender in psychology (12751)
 - Human life-span development (12745)
 - Clinical and experimental psychology (12750)
 - Clinical psychology (12749)
 - Anxiety (12753)
 - Cognitive and experimental psychology: perception, action, and higher cognitive processes (12747)
 - Neuropsychology and cognitive psychology (12746)
 - Social psychology (12748)
 - Astronautics and Psychology (12743)
 - Psychology, special (including therapy for learning, speech, hearing, visual and other physical and mental disabilities) (12752)
 - Addiction sciences (12754)
 - Applied psychology (12759)
 - Industrial psychology (12760)
 - Organization psychology (12761)
 - Language pathologies, lexicography (12775)
 - Differential psychology (12764)
 - Developmental psychology (12763)
 - Experimental psychology (12766)
 - Clinical psychology (12749)
 - Anxiety (12753)
 - Cognition (e.g. learning, memory, emotions, speech) (12180)
 - Cognitive science (12758)
 - Human Factors in Transport (12772)
 - Mental health (12169)
 - Mental disorders (12168)
 - Educational psychology (12765)
 - Psycholinguistics and neurolinguistics: acquisition and knowledge of language, language pathologies (12774)
 - Counselling psychology (12762)
 - Psychonomics (12767)
 - Psychotherapy (12768)
 - Drama therapy (12770)
 - Art therapy (12769)
 - Music therapy (12771)
 - Social psychology (12748)
 - Social and clinical psychology (12773)
 - Behavioural neuroscience (e.g. sleep, consciousness, handedness) (12177)
 - Behavioural sciences (12755)
 - Human ethology (12756)
 - Sexuality (12757)
- Sociology (12846)
 - Anthropology, ethnology (12857)
 - Cultural anthropology (12862)
 - Myth, ritual, symbolic representations, religious studies (12850)
 - Ethnography (12858)
 - Medical anthropology (12859)
 - Kinship, cultural dimensions of classification and cognition, identity, gender (12849)
 - Social policies, work and welfare (12847)
 - Ageing, work, social policies (12848)
 - Social anthropology (12860)
 - Hybrid societies (12861)
 - Social structure, inequalities, social mobility, interethnic relations (12525)
 - Historical anthropology (12863)

- Family studies, Social work (12869)
 - Households, family and fertility (12524)
- Demography (12435)
 - Population dynamics, aging, health and society (12455)
 - Historical demography (12856)
- Social issues (12867)
 - Social innovation (12868)
- Social topics (Women's and gender studies) (12864)
 - Gender in social sciences (12866)
 - Women and gender studies (12865)
- Social and economic geography (12915)
 - Environmental sciences (social aspects) (12916)
 - Gender in environmental sciences (10430)
 - Global and transnational governance, international law, human rights (12880)
 - Environment, resources and sustainability (12917)
 - Environmental impact assessment (12920)
 - Environmental change and society (12918)
 - Strategic environmental assessment (12919)
 - Transport planning and social aspects of transport (12936)
 - Gender in transport planning (12942)
 - Mobility and transportation (12939)
 - Mobility plans (12941)
 - Mobility, tourism, transportation and logistics (12938)
 - Ageing (12213)
 - Ageing, work, social policies (12848)
 - Social geography, infrastructure (12928)
 - Human and social geography (12937)
 - Vulnerable users (12940)
- Cultural and economic geography (12921)
 - Gender in in cultural and economic geography (12931)
 - Geopolitics (12929)
 - Cost-benefit analysis (12922)
 - Social and industrial ecology (12926)
 - Social geography, infrastructure (12928)
 - Human and social geography (12937)
 - Spatial assessment and evaluation (12925)
 - Spatial and regional planning (12924)
 - Spatial development and architecture, land use, regional planning (12927)
 - Spatial planning (12923)
 - Rural development studies (12930)
- Urban studies (Planning and development) (12932)
 - Gender in urban planning and development (12935)
 - Spatial development and architecture, land use, regional planning (12927)
 - Urbanization and urban planning, cities (12933)
 - Urban studies, regional studies (12934)
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 - Other natural sciences (10799)
 - Gender in natural sciences (10806)
 - Ethics in natural sciences (10803)
 - Internet Ethics (10805)
 - Knowledge infrastructure (10800)
 - Knowledge translation (10802)
 - Knowledge transfer (10801)
 - Earth and related Environmental sciences (10399)
 - Mineralogy (10407)
 - Petrology (10408)
 - Igneous petrology (10409)
 - Metamorphic petrology (10410)
 - Geochemistry and geophysics (10416)
 - Physics of earth's interior, seismology, volcanology (10418)
 - Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics (10417)
 - Environment chemistry (10419)
 - Geology (10422)
 - Geomagnetism, paleomagnetism (10424)
 - Geology, tectonics, volcanology (10423)
 - Cryosphere, dynamics of snow and ice cover, sea ice, permafrosts and ice sheets (10425)
 - Hydrology (10447)
 - Climatic research (10434)

Gender in climatic research (10437)
 Climatology and climate change (10436)
 Environmental biology (10435)
 Paleoclimatology, paleoecology (10401)
 Environmental sciences (10427)
 Gender in environmental sciences (10430)
 Paleoclimatology, paleoecology (10401)
 Terrestrial ecology, land cover change (10428)
 Natural Resources Exploration and Exploitation (10429)
 Meteorology and atmospheric sciences (10431)
 Atmospheric chemistry, atmospheric composition, air pollution (10432)
 Meteorology, atmospheric physics and dynamics (10433)
 Ozone, upper atmosphere, ionosphere (10402)
 Geosciences, multidisciplinary (10400)
 Mineralogy, petrology, igneous petrology, metamorphic petrology (10404)
 Biogeochemistry, biogeochemical cycles, environmental chemistry (10403)
 Earth observations from space/remote sensing (10405)
 Gender in geosciences (10406)
 Collective Awareness Platforms (10152)
 Ozone, upper atmosphere, ionosphere (10402)
 Paleoclimatology, paleoecology (10401)
 Palaeontology (10411)
 Earth evolution (10415)
 Sedimentology (10412)
 Sedimentology, soil science, palaeontology, earth evolution (10413)
 Physical geography (10420)
 Geographical information systems, cartography (10421)
 Volcanology (10426)
 Geology, tectonics, volcanology (10423)
 Mathematics (10003)
 Pure mathematics, Applied mathematics (10004)
 Algebra (10006)
 Algebraic and complex geometry (10009)
 Algorithms and complexity (10008)
 ODE and dynamical systems (10015)
 Discrete mathematics and combinatorics (10018)
 Geometry (10010)
 Application of mathematics in industry and society (10025)
 Signal processing (10026)
 Lie groups, Lie algebras (10012)
 Logic and foundations (10005)
 Analysis (10013)
 Mathematical physics (10017)
 Mathematics for High-Performance Computing (10028)
 Numerical analysis (10020)
 Numerical analysis and scientific computing (10022)
 Operator algebras and functional analysis (10014)
 Theoretical aspects of partial differential equations (10016)
 Statisztikus fizika (10027)
 Control theory and optimization (10023)
 Number theory (10007)
 Mathematical aspects of computer science (10019)
 Topology (10011)
 Application of mathematics in sciences (10024)
 Scientific computing and data processing (10021)
 Statistics and probability (This includes research on statistical methodologies, but excludes research on applied statistics which should be classified under the relevant field of application (e.g. Economics, Sociology, etc.)) (10029)
 Global Systems Science (10033)
 Statistics (10031)
 Probability (10030)
 Probability and Statistics (10032)
 Computer and information sciences (10034)
 Computer sciences, information science and bioinformatics (10035)
 Algorithms, distributed, parallel and network algorithms, algorithmic game theory (10074)
 High performance computing (10037)
 Bioinformatics, biocomputing, and DNA and molecular computation (10101)
 Bioinformatics, e-Health, medical informatics (10045)

Digital games, gamification, applied games, serious games (10146)
E-commerce, e-business, computational finance (10043)
Theoretical computer science, formal methods, quantum computing (10057)
 Data stream analysis (10059)
 Linked (open) data (10062)
 Very large data bases (10058)
 Scalability (10060)
 Real time data analytics (10061)
Human computer interaction and interface, visualization and natural language processing (10082)
 Accessibility (10087)
 Human computer interaction (10083)
 Users and interactive retrieval (10089)
 Machine translation (10091)
 Smart objects and interaction design (10088)
 Collaborative and social computing (10084)
 Mobile devices (10085)
 Non mobile interactive devices (10086)
 Natural language processing (10090)
 Wearable technologies (10092)
E-learning, user modelling, collaborative systems (10118)
Advanced computing (10128)
 Embedded computing (10129)
 High performance computing (10037)
 Computing for servers, data centres (10130)
Cloud computing (10139)
 Cloud Computing models (10140)
 Cloud Services (10142)
 Cloud Architectures (10144)
 Cloud Infrastructures (10143)
 Cloud trust & security (10141)
Gender in computer sciences (10121)
Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video) (10099)
 Networks (communication networks, sensor networks, networks of robots, etc.) (10111)
 Informatics and information systems (10040)
 Smart manufacturing (10131)
 Digital factories (10133)
 Smart factories (10132)
 Unconventional Manufacturing (10135)
 Virtual factories (10134)
 Interaction, Multimodal, Brain-Computer-Interfaces, Assistive Technologies (10147)
 Internet and semantic web, database systems and libraries (10119)
 Internet Services & Applications (10136)
 Service oriented architectures (10138)
 Service Engineering (10137)
 Cyber-physical systems (10123)
 Embedded systems (10124)
 Co-habited environments (10127)
 Monitoring and control systems (10125)
 Systems of systems (10126)
 Experimentally-driven research and innovation (10148)
 FIRE, Future Internet Research and Experimentation (10149)
 Clinical bioinformatics (10114)
 Cognitive science, human computer interaction, natural language processing (10044)
 Collaborative Systems (10150)
 Knowledge co-creation networks (10153)
 Communication networks, media, information society (10104)
 Internet of Things (10109)
 Global Systems Science, GSS (12945)
 Network technologies / Internetworking (10106)
 Internet architectures (10108)
 Mobile Sensor devices (10110)
 Optical Communications (10107)
 Radio Frequency / Microwave Communications (10105)
 Complexity and cryptography, electronic security, privacy, biometrics (10117)
 Artificial intelligence, intelligent systems, multi agent systems (10075)
 Unconventional computing (10122)
 Neuroimaging and computational neuroscience (10116)

Numerical analysis, simulation, optimisation, modelling tools, data mining (10081)
Ontologies, neural networks, genetic programming, fuzzy logic (10120)
Computer architecture, pervasive computing, ubiquitous computing (10036)
 High performance computing (10037)
Computational geometry, theorem proving, symbolic, algebraic computations (10039)
Computer graphics, computer vision, multi media, computer games (10076)
 Multi media (10079)
 Computer graphics (10077)
 Computer games (10080)
 Computer vision (10078)
Computer games, multi-media, augmented and virtual reality (10042)
Computational engineering (10113)
 High performance computing (10037)
Computational engineering and computer aided design (10103)
Computer systems, parallel/distributed systems, grid, cloud processing systems (10046)
Computer systems, parallel/distributed systems, sensor networks, embedded systems,
cyber-physical systems (10038)
 High performance computing (10037)
Sensor networks, embedded systems, hardware platforms (10041)
Simulation engineering and modelling (10112)
Software engineering, operating systems, computer languages (10047)
 Requirements Analysis (10048)
 High performance computing (10037)
 Open hardware (10055)
 Open Source Software (10052)
 System Software (10053)
 Software notation & tools (10051)
 Software Architectures (10050)
 Software quality Management (10054)
 Software Design & Development (10049)
Technology-enhanced learning (10145)
Cryptology, security, privacy, quantum crypto (10063)
 Anonymity (10072)
 Trust (10068)
 Digital identity (10073)
 (user-centric) privacy preservation (10071)
 Network Security (10069)
 Information Security (10070)
 IT Security (10067)
 Privacy (10064)
 Trustworthy ICT (10066)
 Cybersecurity (10065)
Translational bioinformatics (10115)
Scientific computing, simulation and modelling tools (10100)
Web and information systems, database systems, information retrieval and digital
libraries, data fusion (10093)
 Data curation (10097)
 Data visualization (10096)
 Linked open data (10095)
 Open data (10098)
 Open Access, Open Access to publications, Open Access to data, OA, linked open data,
semantic web technologies (12948)
 Semantic web technologies (10094)