

## List of keywords

### Physics

Astronomy, Astrophysics And Cosmology  
Condensed Matter- Electronic Structures, Electrical And Magnetic Properties  
Condensed Matter- Mechanical And Thermal Properties  
Condensed Matter- Optical And Dielectric Properties  
Elementary Particles  
Fluids And Gases  
High Energy Physics  
Hydrodynamics  
Neutron Physics  
Nuclear Forces  
Nuclear Reactions  
Nuclear Waste  
Optics And Electromagnetism  
Optics And Quantum Electronics  
Physical Chemistry, Soft Matter And Polymer Physics  
Plasmas And Electric Discharges  
Quantum Mechanics  
Radioactivity  
Statistical Physics And Thermo-Dynamics  
Superconductivity  
Theory Of Elementary Particles And Fields

### Mathematics, Telecommunication And Information Technology

Algebra And Number Theory  
Ambient Intelligence Systems  
Analysis And Partial Differential Equations  
Artificial Intelligence  
Communication Networks  
Computer Graphics, Human Computer Interaction, Multimedia  
E-Commerce  
E-Learning  
Geometry And Topology  
Grid Systems  
Information Systems, Software Development And Databases  
Knowledge And Information Management  
Logic And Semantics  
Micro- And Nano Technologies, Microsystems  
Micro-, Nano- And Opto- Electronics  
Mobile Communication  
Multimedia  
Privacy  
Protocols  
Signals, Speech And Image Processing  
Software Architecture  
Statistics And Probability  
Systems, Control, Modelling And Neural Networks  
Telematics  
Transmission

### Earth Sciences, Environment, Energy

Agriculture, Agroindustry And Forestry  
Biodiversity And Conservation  
Climatology, Global Change, Meteorology And Atmospheric Processes  
Coastal Zone Management  
Cultural Heritage

Desertification  
Ecology And Evolution (Incl. Population Biology)  
Ecosystems  
Energy Conversion  
Energy Efficiency And Saving  
Energy Management  
Energy Safety  
Energy Systems  
Energy Technology  
Energy Transfer And Distribution  
Environmental Engineering And Geotechnics  
Finite Energy Sources  
Fisheries And Aquaculture  
Forecast And Modelling  
Fuel Cells  
Geochemistry And Mineral Sciences  
Geophysics, Tectonics, Seismology And Volcanology  
Hydrogen Technology  
Land Management  
Marine Sciences  
Measurement And Testing  
Natural Disasters  
Natural Resources Exploration And Exploitation  
Physical Geography, Earth Observation And Remote Sensing  
Policies  
Pollution, Waste Disposal And Ecotoxicology  
Renewable Energy Sources  
Geology, Soil And Water Processes  
Stratigraphy, Sedimentary Processes And Palaeontology

**Economics, Social And Human Sciences**

Coordination, Cooperation  
Education And Training  
Ethics, Religious Studies  
Evaluation And Monitoring  
External Affairs  
Financial Sciences  
Forecasting, Prospective Studies  
Gender Equality  
Governance And Citizenship  
Industrial Economics (Incl. Technology And Innovation)  
Innovation, Technology And "Know How"-Transfer  
International Economics  
Knowledge Society  
Labour Economics  
Law And Legal Studies, Legislations, Regulations  
Linguistics, Literature  
Macroeconomics  
Management Of Enterprises (Incl. Marketing)  
Arts, Media And Mass Communication, Culture  
Microeconomics  
Natural Resources And Environmental Economics  
Philosophy  
Policies  
Political Sciences (European Or Comparative National)  
Psychology (Social, Industrial, Labour, Or Education)  
Public Sector Economics

Quantitative Methods  
Regional Development  
Scientific Research  
Security  
Social Economics  
Sociology  
Urban And Regional Economics (Incl. Transport Economics)  
History  
Leisure Studies, Sport, Tourism

#### **Nutrition And Food**

Agricultural Biotechnology  
Allergies  
Animal Feed  
Consumer Policies  
Detection And Control  
Epidemiology  
Ethics  
Food Production Chain  
Food Quality And Safety  
Health Risks  
Processing Methods

#### **Aeronautics And Space**

Aerodynamics  
Air Transport Management (Atm Systems)  
Airframe  
Avionics  
Engines  
Environment  
Materials  
Safety  
Satellite Communication  
Satellite Navigation  
Structures

#### **Transport**

Fuel Cells  
Intermodality And Interoperability  
Maritime Transport  
Navigation Systems  
Policies  
Production Technologies  
Rail Transport  
Safety  
Surface Transport

#### **Materials**

Biomaterials  
Engineering  
Multifunctional Materials  
Testing And Validation  
Manufacturing Systems

#### **Nanotechnologies And Nanosciences**

Nanobiotechnologies  
Nanoscale Engineering  
Nanotechnology Applications  
Production Processes And Devices  
Control Technologies  
Life-Cycle: Systems, Products, Services

Manufacturing Systems And Technologies  
Robotics

**Life Sciences**

Bioenergetics  
Biological Membranes  
Biomedicine, Public Health And Epidemiology  
Cancer Research  
Cardiovascular Diseases  
Cell Biology  
Computational Biology And Bioinformatics  
Developmental Biology  
Diabetes  
Drug Resistance  
Enzymology  
Ethics  
Gene Splicing  
Genetic Engineering  
Genomics And General Genetics  
Immunology  
Infectious Diseases  
Macromolecular Structures And Molecular Biophysics  
Medical Biotechnology  
Medical Pathology  
Metabolic Regulation And Signal Transduction  
Metabolism Of Cellular Macromolecules  
Microbiology And Parasitology  
Neurosciences (Incl. Psychiatry And Clinical Psychology)  
Pharmacology And Toxicology  
Physiology  
Policies  
Proteomics  
Rare Diseases  
Tropical Medicine  
Virology

**Policy Support**

Area Of Freedom  
Common Agricultural Policy  
Common Fisheries Policy  
Consumer Protection  
Culture  
Development Aid  
Economic Policy  
Education And Training  
E-Enterprise  
E-Europe  
Energy  
Enlargement  
External Relations  
External Trade  
Gender Equality  
Global Change  
Information Society  
Internal Market And Competitiveness  
Measurement And Testing  
Prenormative Research  
Public Health

Regional Development  
Security And Justice  
Social Policy And Employment  
Statistical Methods And Tools  
Transport

**Chemistry**

Biological, Pharmaceutical And Medicinal Chemistry  
Environmental Chemistry  
Homogeneous And Heterogeneous Catalysis  
Instrumental Techniques, Analysis And Sensors  
Manufacturing Systems  
Molecular Aspects Of New Materials, Macromolecules,  
Nanomaterials  
New Materials  
New Synthesis, Combinatorial Chemistry  
Pharmaceutical Chemistry And Pharmacology  
Production Processes And Concepts  
Reaction Mechanisms And Dynamics  
Supramolecular Structures, Nanochemistry  
Surface Science And Colloids  
Theoretical And Computational Chemistry