



COST Actions – open for participation

The following COST Actions (networks) are open for participation of Switzerland-based researchers.

Information about the scientific content of these actions is available from the COST Office website (<http://www.cost.eu>) or can be requested from the State Secretariat for education and research SER from the email address COST@sbf.admin.ch.

Please contact COST@sbf.admin.ch also, if you are interested in an active participation in one of these COST Actions.

Action number	Title
Biomedicine and Molecular Biosciences (BMBS)	
BM1001	Brain Extracellular Matrix in Health and Disease (ECMNet)
BM1002	Nanomechanics of intermediate filament networks - NANONET
BM1003	Microbial cell surface determinants of virulence as targets for new therapeutics in Cystic Fibrosis
BM1004	Enhancing the scientific study of early autism: A network to improve research, services and outcomes
BM1005	Gasotransmitters: from basic science to therapeutic applications (ENOG: European Network on Gasotransmitters)
BM1006	Next Generation Sequencing Data Analysis Network
BM1007	Mast Cells and Basophils – Targets for Innovative Therapies
Chemistry and Molecular Sciences & Technologies (CMST)	
CM1001	Chemistry of non-enzymatic protein modification - modulation of protein structure and function
CM1002	CODECS: COntvergent Distributed Environment for Computational Spectroscopy
CM1003	Biological oxidation reactions - mechanisms and design of new catalysts
CM1004	Synthetic Probes for Chemical Proteomics and Elucidation of Biosynthetic Pathways
CM1005	Supramolecular Chemistry in Water
CM1006	EUFEN: European F-Element Network

Earth System Science & Environmental Management (ESSEM)	
ES1001	SMOS Mission Oceanographic Data Exploitation
ES1002	Short-Term High Resolution Wind and Solar Energy Production Forecasts
ES1003	Development and implementation of a pan-European Marine Biodiversity Observatory System (EMBOS)
ES1004	European framework for online integrated air quality and meteorology modelling
ES1005	Towards a more complete assessment of the impact of solar variability on the Earth's climate
ES1006	Evaluation, improvement and guidance for the use of local-scale emergency prediction and response tools for airborne hazards in built environments
Food and Agriculture (FA)	
FA1001	The application of innovative fundamental food-structure-property relationships to the design of foods for health, wellness and pleasure.
FA1002	Farm Animal Proteomics
FA1003	East-West Collaboration for Grapevine Diversity Exploration and Mobilization of Adaptive Traits for Breeding
FA1004	Conservation Physiology of Marine Fishes
FA1005	Improving health properties of food by sharing our knowledge on the digestive process (INFOGEST)
FA1006	Plant Metabolic Engineering for High Value Products
Forests, their Products and Services (FPS)	
FP1001	USEWOOD: Improving Data and Information on the Potential Supply of Wood Resources: A European Approach from Multisource National Forest Inventories
FP1002	Pathway Evaluation and pest Risk Management In Transport - PERMIT
FP1003	Impact of renewable materials in packaging for sustainability - development of renewable fibre and bio-based materials for new packaging applications
FP1004	Enhance mechanical properties of timber, engineered wood products and timber structures
FP1005	Fibre suspension flow modelling - a key for innovation and competitiveness in the pulp & paper industry
FP1006	Bringing new functions to wood through surface modification
Information and Communication Technologies (ICT)	
IC1001	Transactional Memories: Foundations, Algorithms, Tools, and Applications (Euro-TM)
IC1002	Multilingual and multifaceted interactive information access (MUMIA)
IC1003	European Network on Quality of Experience in Multimedia Systems and Services (QUALINET)
IC1004	Cooperative Radio Communications for Green Smart Environments
IC1005	HDRi: The digital capture, storage, transmission and display of real-world lighting
Individuals, Societies, Cultures and Health (ISCH)	
IS1001	Bio-objects and their boundaries: governing matters at the intersection of society, politics, and science
IS1002	Modernet, a network for development of new techniques for discovering trends in occupational and work-related diseases and tracing new and emerging risks
IS1003	International Law Between Constitutionalisation and Fragmentation: the role of law in the post-national constellation
IS1004	WEBDATANET: web-based data-collection - methodological challenges, solutions and implementations.
IS1005	Medieval Europe - Medieval Cultures and Technological Resources
IS1006	Unraveling the grammars of European sign languages: pathways to full citizenship of deafsigners and to the protection of their linguistic heritage
IS1007	Investigating Cultural Sustainability

Materials, Physical and Nanosciences (MPNS)	
MP1001	Ion Traps for Tomorrow's Applications
MP1002	Nano-scale insights in ion beam cancer therapy Nano-IBCT)
MP1003	European Scientific Network for Artificial Muscles (ESNAM)
MP1004	Hybrid Energy Storage Devices and Systems for Mobile and Stationary Applications
MP1005	From nano to macro biomaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine (NAMABIO).
MP1006	Fundamental Problems in Quantum Physics
Trans Domain Proposals (TDP)	
TD1001	Novel and Reliable Optical Fibre Sensor Systems for Future Security and Safety Applications (OFSeSa)
TD1002	European network on applications of Atomic Force Microscopy to NanoMedicine and Life Sciences (AFM4NanoMed&Bio)
TD1003	Bio-inspired nanotechnologies: from concepts to applications
TD1004	Theragnostics Imaging and Therapy: An Action to develop Novel Nanosized Systems for Imaging-Guided Drug Delivery
TD1005	Pain Assessment in Patients with Impaired Cognition, especially Dementia
TD1006	European Network on Robotics for NeuroRehabilitation
TD1007	Bimodal PET-MRI molecular imaging technologies and applications for in vivo monitoring of disease and biological processes
Transport and Urban Development (TUD)	
TU1001	Public Private Partnerships in Transport: Trends and Theory
TU1002	Accessibility instruments for planning practice in Europe
TU1003	MEGAPROJECT: The Effective Design and Delivery of Megaprojects in the European Union
TU1004	Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems