

#### **Biomedicine and Molecular Biosciences (BMBS)**

BM0601	Advanced Methods For The Estimation Of Human Brain Activity And
	Connectivity (NEUROMATH)
BM0602	Adipose Tissue: A Key Target for Prevention of the Metabolic Syndrome
BM0603	Inflammation in brain disease
BM0604	Myelin orphan diseases in health - MYELINET
BM0605	Consciousness: A transdisciplinary, integrated approach
BM0606	Collaborative Association Studies in Breast Cancer
BM0607	Targeted Radionuclide Therapy
BM0701	Antibiotic Transport and Efflux: New Strategies to combat bacterial
	resistance (ATENS)
BM0702	Urine and Kidney Proteomics
BM0703	Cancer and Control of Genomic Integrity
BM0704	Emerging EMF Technologies and Health Risk Management

#### **Chemistry and Molecular Sciences and Technologies (CMST)**

CM0601	Electron Controlled Chemical Lithography with molecular resolution
	(ECCL)
CM0602	Inhibitors of angiogenesis: design, synthesis and biological exploitation
CM0603	Free Radicals in Chemical Biology
CM0701	Cascade Chemoenzymatic Processes - New Synergies Between
	Chemistry And Biochemistry
CM0702	Chemistry With Ultrashort Pulses and Free-Electron Lasers: Looking for
	Control Strategies Through "Exact" Computations
CM0703	Systems Chemistry

### **Earth System Science and Environmental Management (ESSEM)**

ES0601	Advances in homogenisation methods of climate series: an integrated
	approach
ES0602	Towards a European Network on Chemical Weather Forecasting and
	Information Systems
ES0603	Assessment of production, release, distribution and health impact of
	allergenic pollen in Europe
ES0604	Atmospheric Water Vapour in the Climate System
ES0701	Improved constraints on models of glacial isostatic adjustment
ES0702	EG-CLIMET European Ground-based observations of essential variables
	for CLImate and operational METeorology

#### Food and Agriculture (FA)

FA0601	Fish reproduction and fisheries
FA0602	Bioactive food components, mitochondrial function and health
FA0603	Plant proteomics in Europe
FA0604	Triticeace genomics for the advancement of essential European crops
FA0605	Signaling control of stress tolerance and production of stress protective
	compounds in plants
FA0701	Arthropod Symbioses: from fundamental studies to pest and disease
	management
FA0702	Maternal Interaction with Gametes and Embryos

### Forests, their Products and Services (FPS)

FP0601	Forest Management and the Water Cycle (FORMAN)
FP0602	Biotechnology for lignocellulose biorefineries
FP0603	Forest models for research and decision support in sustainable forest
	Management
FP0701	Post-fire forest management in Southern Europe
FP0702	Net-Acoustics for Timber Based Ligthweight Buildings and Elements
FP0703	Expected Climate cHange and Options for European Silviculture
	(ECHOES)

### **Information and Communication Technologies (ICT)**

IC0601	Sonic Interaction Design (SID)
IC0602	Algorithmic Decision Theory
IC0603	Antenna Systems & Sensors for Information Society Technologies
	(ASSIST)
IC0604	Anatomic Telepathology Network
IC0701	Formal Verification of Object-Oriented Software
IC0702	Combining Soft Computing Techniques and Statistical Methods to Improve
	Data Analysis Solutions
IC0703	Traffic Monitoring and Analysis: theory, techniques, tools and applications
	for the future networks

## Individuals, Society, Culture and Health (ISCH)

IS0601	Comparative Research into Current Trends in Public Sector Organization
IS0602	International Law in Domestic Courts (ILDC)
IS0603	Health and social care for migrants and ethnic minorities in Europe
IS0604	Science and Technology Research In a Knowledge-based Economy
IS0605	Econ@Tel - A Telecommunications Economics Cost Network
IS0701	Comparative Analysis of Enterprise Data: Industry Dynamics, Firm
	Performance, and Worker Outcomes
IS0702	The Role of the EU in UN Human Rights Reform
IS0703	The European Research Network on Learning to Write Effectively (ERN-
	LWE)
IS0704	An interoperable supranational infrastructure for digital editions
	(Interedition)

## Materials, Physical and Nanosciences (MPNS)

MP0601	Short Wavelength Laboratory Sources
MP0602	Advanced Solder Materials for High Temperature Application- their nature,
	design, process and control in a multiscale domain
MP0603	Chemical imaging by means of CARS-microscopy
MP0604	Optical Micro-Manipulation By Nonlinear Nanophotonics

MP0701	Composites with novel functional and structural properties by nanoscale
	materials (Nano Composite Materials-NCM)
MP0702	Towards functional sub-wavelength photonic structures

## **Transport and Urban Development (TUD)**

TU0601	Robustness of Structures
TU0602	Land Management for Urban Dynamics
TU0603	Buses with a high level of service Fundamental characteristics and
	recommendation for decision-making
TU0701	Improving the Quality of Suburban Building Stocks
TU0702	Real-time monitoring, surveillance and control of road networks under
	adverse weather conditions

# Interdisciplinary Exploratoria

IE0601 Wood Science for Conservation of Cultural Heritage