



**European Cooperation  
in the field of Scientific  
and Technical Research  
- COST -**

**Secretariat**  
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**Brussels, 6 May 2009**

**COST 214/09**

**NOTE**

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From : JAF  
To : COST Committee of Senior Officials (CSO)  
Subject : 174th CSO meeting on 26 - 27 May 2009, agenda item 10  
- Approval of new COST Actions

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The JAF Group, at its meeting on 29 - 30 April 2009, agreed to recommend that the CSO, at its 174th meeting on 26 - 27 May 2009, would approve the following 30 proposals for new COST Actions (9 from Natural Sciences Cluster, 10 from Life Sciences Cluster and 11 from Science in Society cluster):

<b>LIFE SCIENCES</b>				
<b>Action Nr</b>	<b>Title</b>	<b>Domain</b>	<b>Proposal from</b>	<b>To be issued as COST doc.</b>
BM0901	SYSGENET -European systems genetics network for the study of complex genetic human diseases using mouse genetic reference populations	BMBS	DE	216/09
BM0902	Network of experts in the diagnosis of myeloproliferative disorders (MPD)	BMBS	FR	217/09
BM0903	Skin Barrier and Atopic Diseases (SKINBAD)	BMBS	NL	218/09
FA0901	Putting Halophytes to Work: From Genes to Ecosystems	FA	UK	219/09
FA0902	Understanding and combating porcine reproductive and respiratory syndrome in Europe	FA	UK	220/09
FA0903	Harnessing plant reproduction for crop improvement	FA	IT	221/09
FP0901	Analytical Techniques for Biorefineries	FPS	FI	222/09
FP0902	Development and harmonization of new operational research and assessment procedures for sustainable forest biomass supply <sup>1</sup>	FPS	FI	223/09
FP0903	Climate Change and Forest Mitigation and Adaptation in a Polluted Environment	FPS	IT	224/09
TD0901	Hypoxia sensing, signaling and adaptation	BMBS CMST	CH	225/09

<b>NATURAL SCIENCES</b>				
<b>Action Nr</b>	<b>Title</b>	<b>Domain</b>	<b>Proposal from</b>	<b>To be issues as COST doc.</b>
CM0901	Detailed chemical kinetic models for cleaner combustion	CMST	FR	226/09
CM0902	Molecular machineries for ion translocation across biomembranes	CMST	IT	227/09
CM0903	Utilisation of Biomass for Sustainable Fuels & Chemicals (UBIOCHEM)	CMST	NL	228/09
ES0901	European procedures for flood frequency estimation (FloodFreq)	ESSEM	UK	229/09
ES0902	Permafrost and gas hydrate related methane release in the Arctic and impact on climate change: European cooperation for long-term monitoring: PERGAMON	ESSEM	NL	230/09

<sup>1</sup> The original title "Forest biomass sampling and work study development" has been changed following the proposal by the EEP and agreed by the proponent.

ES0903	Spectral sampling tools for vegetation Biophysical Parameters and Flux measurements in Europe	ESSEM	IT	231/09
MP0901	Designing novel materials for nanodevices: From Theory to Practise (NanoTP)	MPNS	BE	232/09
MP0902	Composites of Inorganic Nanotubes and Polymers (COINAPO)	MPNS	SI	233/09
TD0903	Understanding and manipulating enzymatic and proteomic processes in biomineralization: towards new biomimetic strategies, the creation of tailored nano-scale architectures and environmental monitoring	CMST, ESSEM, MPNS	HR	234/09

<b>SCIENCE IN SOCIETY</b>				
<b>Action Nr</b>	<b>Title</b>	<b>Domain</b>	<b>Proposal from</b>	<b>To be issues as COST doc.</b>
IC0901	Rich-Model Toolkit: An Infrastructure for Reliable Computer Systems	ICT	CH	235/09
IC0902	Cognitive Radio and Networking for Cooperative Coexistence of Heterogeneous Wireless Networks	ICT	IT	236/09
IC0903	MOVE: Knowledge Discovery from Moving Objects	ICT	CH	237/09
IC0904	TOWARDS the IntegRation of TransecTORial IT DeSign and Evaluation (TORTOISE)	ICT	CH	238/09
IS0901	Women Writers in History: Toward a New Understanding of European Literary Culture.	ISCH	NL	239/09
IS0902	Systemic Risks, Financial Crises and Credit: the roots, dynamics and consequences of the Subprime Crisis	ISCH	DE	240/09
IS0903	Enhancing the Role of Medicine in the Management of European Health Systems: Implications for Control, Innovation and User Voice	ISCH	UK	241/09
TU0901	Integrating and Harmonizing Sound Insulation Aspects in Sustainable Urban Housing Constructions	TUD	DK	242/09
TU0902	Integrated assessment technologies to support the sustainable development of urban areas	TUD	UK	243/09
TU0903	Methods and tools for supporting the use, calibration and validation of traffic simulation models	TUD	IT	244/09
TD0902	Submerged Prehistoric Archaeology and Landscapes of the Continental Shelf	ESSEM, ISCH	UK	245/09