



European Science Foundation

Slovakia

## ESF Research Networking Programmes

### Proposals from Call 2005 recommended for launching in 2007

| <b>Biomedical Sciences (EMRC)</b>  | <b>Life, Earth &amp; Environmental Sciences (LESC)</b>                   | <b>Physical and Engineering Sciences (PESC)</b>                          | <b>Humanities (SCH)</b>   | <b>Social Sciences (SCSS)</b>   |
|--|--|--|---|---|
| <i>Head of Unit:</i><br>Dr. Carole Moquin-Pathey                         | <i>Head of Unit:</i><br>Dr. Olaf Kruse                                   | <i>Head of Unit:</i><br>Dr. Patrick Bressler                             | <i>Head of Unit:</i><br>Dr. Monique van Donzel                                  | <i>Head of Unit:</i><br>Dr. Henk Stronkhorst                              |
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| Project Nr | Unit         | Leading Unit | Project  | Proposed annual programme budget | Proposed total budget | Envisaged duration (from 2007) | Proposed annual funding to Member Organisation(s) in Slovakia |
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| 05-PGM-006 | SCH          | SCH          | <b>Origins and Evolution of European Artificial Cold in Europe, 1870-1970: Exploring Science/Technology/Industry Interfacing (EUROCOLD)</b><br><br><i>Keywords:</i><br>artificial cold; low-temperature physics; cryo-engineering; cryo-industry<br><i>Programme Proposers:</i><br>Terry Shinn (France), Kostas Gavroglu (Greece)<br><i>Programme Collaboration by Country:</i><br>France, Germany, Greece, Netherlands, Ukraine, United Kingdom   | 92988 EUR                        | 371950 EUR            | 4 years                        | 2 KEUR  |
| 05-PGM-016 | PESC         | PESC         | <b>Harmonic And Complex Analysis And Its Applications (HCAA)</b><br><br><i>Keywords:</i><br>Complex & Real Analysis, Potential Analysis, Mathematical Physics, Hamiltonian Systems<br><i>Programme Proposers:</i><br>Alexander Vasiliev (Norway), Björn Gustafsson (Sweden)<br><i>Programme Collaboration by Country:</i><br>Austria, Finland, France, Germany, Ireland, Norway, Spain, Sweden, Switzerland, United Kingdom  | 171000 EUR                       | 855000 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-018 | PESC         | PESC         | <b>Magnetic &amp; Electromagnetic fields effects on Materials behavior during PROCESSING: Application to magnetic annealing and electromagnetic forming (MEMPRO)</b><br><br><i>Keywords:</i><br>Fields Effect, Magnetic Annealing, Electromagnetic Forming, Materials Behavior, Microstructure<br><i>Programme Proposers:</i><br>Said Ahzi (France), Salim Belouettar (Luxembourg), José Joaquim Grácio (Portugal)<br><i>Programme Collaboration by Country:</i><br>France, Luxembourg, Portugal USA | 96320 EUR                        | 481600 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-022 | LESC<br>PESC | PESC         | <b>Multidisciplinary Frontiers of Magnetic Resonance (EMAR)</b><br><br><i>Keywords:</i><br>NMR; EPR; Magnetic Resonance<br><i>Programme Proposers:</i><br>Miquel Pons (Spain), Geoffrey Bodenhausen (France), Hans Spiess (Germany)<br><i>Programme Collaboration by Country:</i><br>Austria, Belgium, Czech Republic, France, Germany, Hungary, Italy, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden, Switzerland, United Kingdom  | 117390 EUR                       | 586950 EUR            | 5 years                        | 2 KEUR  |





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| 05-PGM-023 | <b>EMRC</b><br><b>SCH</b> | <b>SCH</b>   | <b>Neurocognition of Language: Innovative Approaches (NeuLang)</b><br><i>Keywords:</i><br>Neurolinguistics; Psycholinguistics; Neuroimaging; Aphasia recovery<br><i>Programme Proposers:</i><br>Ria Almee Jose De Bleser (Germany), Roelien Bastiaanse (Netherlands), David Howard (United Kingdom)<br><i>Programme Collaboration by Country:</i><br>Belgium, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom | 113950 EUR                       | 569750 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-030 | <b>SCSS</b>               | <b>SCSS</b>  | <b>European Network of Self and Social Identity (ENSSI)</b><br><i>Keywords:</i><br>Social identity; self; European identity; self-categorization<br><i>Programme Proposers:</i><br>Tom Postmes (United Kingdom)<br><i>Programme Collaboration by Country:</i><br>Italy, Netherlands, Portugal, United Kingdom   | 118992 EUR                       | 594962 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-031 | <b>SCSS</b>               | <b>SCSS</b>  | <b>European Neuroscience and Society Network (ENSN)</b><br><i>Keywords:</i><br>neurosciences; psychopharmacology; social, ethical and legal implications; subjectivity<br><i>Programme Proposers:</i><br>Nikolas Rose (United Kingdom), Cornelius Gross (Italy)<br><i>Programme Collaboration by Country:</i><br>Finland, Germany, Hungary, Netherlands, Portugal, Slovenia, Switzerland, United Kingdom  | 118250 EUR                       | 591250 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-037 | <b>SCSS</b>               | <b>SCSS</b>  | <b>Gender, Religion and Human Rights in Europe (GEREHR)</b><br><i>Keywords:</i><br>Gender; Religion; Human Rights<br><i>Programme Proposers:</i><br>Rosaria Cabibbo (Italy), Kari Børresen (Norway)<br><i>Programme Collaboration by Country:</i><br>Hungary, Italy, Netherlands, Norway, Spain   | 80000 EUR                        | 320000 EUR            | 4 years                        | 2 KEUR  |





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| 05-PGM-043 | <b>EMRC</b><br><b>SCSS</b> | <b>SCSS</b>  | <b>Social Aspects of AIDS Medicines in Resource-Poor Settings: An NGO-Academe Action-Research Network (AMRP)</b><br><br>Keywords: HIV/AIDS; Medicines; Health Systems; Resource-Poor Countries; Equitable Access<br>Programme Proposers: Anita Hardon (Netherlands)<br>Programme Collaboration by Country: Denmark, France, Netherlands, Switzerland, United Kingdom   | 124510 EUR                       | 498038 EUR            | 4 years                        | <b>2 KEUR</b>   |
| 05-PGM-045 | <b>SCSS</b>                | <b>SCSS</b>  | <b>The Macroeconomics Of Global Interdependence (MGI)</b><br><br>Keywords: Macroeconomics; Globalization; Business Cycles<br>Programme Proposers: Philip Richard Lane (Ireland), Jaume Ventura (Spain), Beatrice Weder (Germany)<br>Programme Collaboration by Country: France, Germany, Hungary, Ireland, Italy, Spain, Switzerland, United Kingdom   | 120000 EUR                       | 600000 EUR            | 5 years                        | <b>2 KEUR</b>   |
| 05-PGM-050 | <b>PESC</b>                | <b>PESC</b>  | <b>Nanoscience and Engineering in Superconductivity (NES)</b><br><br>Keywords: superconductivity, quantum size effects, nanostructured materials, superconducting elements for quantum computing<br>Programme Proposers: Victor Mloshchakov (Belgium)<br>Programme Collaboration by Country: Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Italy, Netherlands, Norway, Poland, Slovakia, Spain, Switzerland, United Kingdom              | 107070 EUR                       | 535350 EUR            | 5 years                        | <b>2 KEUR</b>   |
| 05-PGM-067 | <b>SCH</b>                 | <b>SCH</b>   | <b>European Scientific Heritage and Public Engagement with Research (ESHPER)</b><br><br>Keywords: scientific heritage studies; engagement with research; scientific material culture; public understanding of science; history of science<br>Programme Proposers: Kail Grandin (Sweden), Marco Beretta (Italy)<br>Programme Collaboration by Country: Belgium, France, Germany, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom | 196250 EUR                       | 785000 EUR            | 4 years                        | <b>2 KEUR</b>   |





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| 05-PGM-069 | <b>SCH</b><br><b>SCSS</b>          | SCH          | <b>Cinema in Europe. Europe in Cinema (ECCE)</b><br><i>Keywords:</i><br>European cinema ; European memory; European transcultural identifications ; Subjectivity; Public/private<br><i>Programme Proposers:</i><br>Luisa Passerini (Italy)<br><i>Programme Collaboration by Country:</i><br>Belgium, France, Germany, Greece, Hungary, Italy, Lithuania, Netherlands, Poland, Portugal, Spain, Sweden, Turkey, United Kingdom  | 145756 EUR                       | 563032 EUR            | 4 years                        | 2 KEUR  |
| 05-PGM-073 | LESC                               | LESC         | <b>Body -size and ecosystem dynamics: integrating pure and applied approaches from aquatic and terrestrial ecology to support an ecosystem approach (SIZEMIC)</b><br><i>Keywords:</i><br>theoretical ecology; applied ecology; food web; size spectra; ecosystem approach<br><i>Programme Proposers:</i><br>Richard Law (United Kingdom), Simon Jennings (United Kingdom)<br><i>Programme Collaboration by Country:</i><br>Denmark, France, Netherlands, United Kingdom, USA, Canada | 57968 EUR                        | 231870 EUR            | 4 years                        | 2 KEUR  |
| 05-PGM-077 | LESC                               | LESC         | <b>European Networking Summer School (Plant Genomics &amp; Bioinformatics) (ENSS)</b><br><i>Keywords:</i><br>training; networking; technology and knowledge transfer; stimulating cooperation<br><i>Programme Proposers:</i><br>Jens Freitag (Germany)<br><i>Programme Collaboration by Country:</i><br>France, Germany, Hungary, Netherlands, Poland, Slovenia, United Kingdom  | 79200 EUR                        | 396000 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-083 | LESC<br><b>LESC</b><br><b>PESC</b> | LESC         | <b>Monitoring, dating and modelling cold-climate European mountain slope processes (CRYOSLOPE)</b><br><i>Keywords:</i><br>monitoring slope processes; geohazards; modelling slope stability; cosmogenic dating; permafrost<br><i>Programme Proposers:</i><br>Hanne Christiansen (Norway), Michael Davies (United Kingdom)<br><i>Programme Collaboration by Country:</i><br>Austria, France, Germany, Norway, Poland, Romania, Spain, Sweden, Switzerland, United Kingdom             | 117175 EUR                       | 585875 EUR            | 5 years                        | 2 KEUR  |



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| 05-PGM-088 | EMRC<br>LESC<br>PESC | PESC         | <p><b>Mapping the detailed composition (epitope exposure) of surface-adsorbed protein layers on biomaterials and nanoparticles – an alternative approach to biocompatibility and nanotoxicity. (EpitopeMap)</b></p> <p><i>Keywords:</i><br/>surface-adsorbed protein, adsorbed protein conformation, surface exposed epitopes, Angstrom-level resolution</p> <p><i>Programme Proposers:</i><br/>Kenneth Adrian Dawson (Ireland), Sara Linse (Sweden)</p> <p><i>Programme Collaboration by Country:</i><br/>Bulgaria, France, Germany, Ireland, Italy, Netherlands, Sweden, Switzerland, United Kingdom</p> | 121648 EUR                       | 608238 EUR            | 5 years                        | 2 KEUR  |
| 05-PGM-089 | EMRC                 | EMRC         | <p><b>European Research Network for Investigating Human Sensorimotor Function in Health and Disease (ERNI-HSF)</b></p> <p><i>Keywords:</i><br/>Human sensorimotor function; Brain imaging; Neuropsychology; Magnetic resonance imaging; Stroke; Optic ataxia; Apraxia</p> <p><i>Programme Proposers:</i><br/>Stephen Jackson (United Kingdom), Edward de Haan (Netherlands), Hans-Otto Karnath (Germany)</p> <p><i>Programme Collaboration by Country:</i><br/>France, Germany, Italy, Netherlands, Switzerland, United Kingdom</p>  | 96136 EUR                        | 480680 EUR            | 5 years                        | 2 KEUR  |