



PESC PROGRAMME PROPOSALS 2005+

8-07 Experimental and Theoretical Design of Stimuli-Responsive Polymeric Materials (STIPOMAT)

Programme Proposers:

Prof. Kurt Binder, Universität Mainz, Germany
Prof. Françoise Lauprêtre, University of Paris 12, France
Prof. Jean-François Gohy, Université Catholique de Louvain, Belgium

Programme Collaboration by Country:

Belgium, Denmark, Finland, France, Germany, Greece, Italy, The Netherlands, Poland, Slovenia, Sweden, Switzerland, United Kingdom

Proposed annual programme budget: 150 000 EUR. Proposed total budget: 600 000 EUR.

Envisaged duration: 4 years from 2005 to 2008

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**

8-08 Interdisciplinary Statistical and Field Theory Approaches to Nanophysics and Low Dimensional Systems (INSTANS)

Programme Proposers:

Prof. John L. Cardy, University of Oxford, UK
Prof. Reinhold Egger, Heinrich-Heine Universität Düsseldorf, Germany
Prof. Hubert Saleur, CEA Saclay, France

Programme Collaboration by Country:

France, Germany, Hungary, Italy, The Netherlands, Portugal, Spain, Sweden, Switzerland, United Kingdom

Proposed annual programme budget: 180 000 EUR. Proposed total budget: 900 000 EUR.

Envisaged duration: 5 years from 2005 to 2009

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**

8-09 Ultrafast Structural Dynamics in Physics, Chemistry, Biology and Material Science (DYNA)

Programme Proposers:

Prof. Majed Chergui, EPFL, Lausanne, Switzerland
Prof. Villy Sundström, Lund University, Sweden
Prof. Thomas Elsaesser, Max-Born-Institute, Berlin, Germany

Programme Collaboration by Country:

Austria, Belgium, Czech Republic, Finland, France, Germany, Hungary, Italy, The Netherlands, Portugal, Spain, Sweden, Switzerland, United Kingdom

Proposed annual programme budget: 144 000 EUR. Proposed total budget: 720 000 EUR.

Envisaged duration: 5 years from 2005 to 2009

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**

8-31 Highly Frustrated Magnetism (HFM)

Programme Proposers:

Prof. Peter Lemmens, Max-Planck-Institute of Solid State Research, Stuttgart, Germany

Prof. Pietro Carretta, University of Pavia, Italy

Prof. Steven T. Bramwell, University College London, UK

Programme Collaboration by Country:

France, Germany, Hungary, Israel, Italy, Poland, Sweden, Switzerland, United Kingdom

Proposed annual programme budget: 98 000 EUR. Proposed total budget: 490 000 EUR.

Envisaged duration: 5 years from 2005 to 2009

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**

8-32 Automata: from Mathematics to Applications (AutoMathA)

Programme Proposers:

Prof. Jorge Almeida, Universidade do Porto, Portugal

Prof. Stefano Crespi Reghizzi, Politecnico di Milano, Italy

Dr. Jean-Eric Pin, CNRS/Université Paris 7, France

Programme Collaboration by Country:

Austria, Belgium, Czech Republic, Finland, France, Germany, Hungary, Israel, Italy, The Netherlands, Poland, Portugal, Slovak Republic, United Kingdom

Proposed annual programme budget: 133 000 EUR. Proposed total budget: 665 000 EUR.

Envisaged duration: 5 years from 2005 to 2009

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**

8-35 Advanced Mathematical Methods for Finance (AMaMeF)

Programme Proposers:

Prof. Damien Lambertson, Université de Marne-la-Vallée, France

Prof. Bernt Øksendal, University of Oslo, Norway

Prof. Wolfgang Runggaldier, University of Padova, Italy

Programme Collaboration by Country:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey, United Kingdom

Proposed annual programme budget: 144 400 EUR. Proposed total budget: 722 000 EUR.

Envisaged duration: 5 years from 2005 to 2009

Proposed annual funding to Member Organisation(s) in **Romania: 2 kEUR**