



S&T INTERNATIONAL COOPERATION NETWORK FOR EASTERN EUROPEAN AND CENTRAL ASIAN COUNTRIES

The European Union Seventh Framework Programme for Research and Technological Development

The “People” Programme

The following information about upcoming summer schools is presented below. All these events are open to all interested researchers and PhD students.

SUMMER SCHOOL ON ETHICS OF NANOTECHNOLOGY

The University of Twente is organising a summer school on the ethics of nanotechnology from **24 to 29 August** in Enschede, the Netherlands.

Beside an introduction to the main ethical theories and practical exercises, the event revolves around the debate on responsible nanotechnology development, as stimulated by the European Commission's code of conduct for responsible nano-research and other initiatives. Four themes are on the agenda:

- the ethics of bionanotechnology;
- the ethics of nanoelectronics/ambient intelligence;
- military and dual use/peaceful use/global issues of nanotechnology;
- religious and cultural aspects, ethical traditions and relativism in the debate about nanoethics.

The summer school is open to researchers (PhD students, postdocs and others) from a wide variety of natural sciences, engineering, social sciences and humanities backgrounds. Prior training in ethics is not required. However, participants are expected to prepare short contributions to the discussions of each of the four themes.

For further information, please visit: http://www.ethicsschool.eu/home.php?page=summer_n

SUMMER SCHOOL ON CARDIOVASCULAR APPLICATIONS OF MOLECULAR IMAGING

The EU-funded Networks of Excellence DiMI ('Diagnostic Molecular Imaging') and EMIL ('European Molecular Imaging Laboratories') are organising a summer school on cardiovascular applications of molecular imaging from **1 to 4 September** in Münster, Germany.

The summer school is intended to introduce doctoral students and young researchers to the field of molecular imaging and encourage scientific discussion. Combining, lectures, demonstrations and practical sessions, the four-day event will address a range of subjects relevant to the field, including various imaging techniques, basic physiology of the cardiovascular system, angiogenesis and regenerative therapies, cardiac diseases in humans, animal models of cardiovascular disease, development of contrast agents and radiopharmaceuticals, to name but a few examples.

For further information, please visit: <http://www.dimi.eu/index.php?id=1655>

GLOBALDIV SUMMER SCHOOL

The EU-funded GLOBALDIV project is organising a first summer school which will be held in Piacenza, Italy, from **8 to 12 September**.

The summer school offers theoretical and practical lectures within an interactive educational programme directed first and foremost at PhD students and junior researchers. The number of participants is limited to 40. Candidates will be selected according to their field of experience, interests and motivation.

Lectures will focus on:

- farm animal production systems and threats to biodiversity in Europe, emerging and developing countries;
- novel technologies for DNA analysis;
- population genetics, statistics and software for the analysis of genomic and mitochondrial DNA data;
- reconstruction of farm animal domestication;
- discussion of case studies presented by participants.

GLOBALDIV ("A global view of livestock biodiversity and conservation") is a three-year project funded by the European Commission's Directorate General for Agriculture and Rural Development that aims to promote the formation of international interdisciplinary groups of experts in characterisation and conservation of farm animal genetic resources.

For further information, please visit: <http://www.globaldiv.eu/>

THE ETHICSCHOOL SUMMER SCHOOL

The EthicSchool summer school on the ethics of converging technologies will take place from **21 to 26 September** in Romrod/Alsfeld, Germany.

Nanotechnologies, biotechnologies, information technologies and other enabling technologies are gaining importance in today's world. They are now entering into a stage of their development where they increasingly converge with one another but also with the social and cognitive sciences. In plenary lectures, workshops and master classes, the summer school will focus on the long term ethical and cultural implications of converging technologies and how stakeholders can contribute to responsible research. EthicSchool is open to researchers (PhD students, postdocs and others) from a wide variety of natural sciences, engineering, and social sciences and humanities backgrounds. Prior training in ethics is not required. The EthicSchool project is funded under the European Commission's Sixth Framework Programme (FP6).

For further information, please visit http://www.ethicsschool.eu/home.php?page=summer_c

ADVANCED COURSE ON METHODS FOR PROTEIN FUNCTION PREDICTION

The European Bioinformatics Institute (EBI) in cooperation with the EU-funded Network of Excellence ENFIN ("An experimental network for functional integration") is offering an advanced course on methods for protein function prediction from **1 to 3 September** in Hinxton, UK.

The course will provide detailed descriptions of the bioinformatics tools developed with the ENFIN Network and some of their applications. It will be composed of lectures and practical sessions on protein function prediction tools. Basic programming is a pre-requisite as is a good knowledge of biology.

ENFIN, funded under the 'Life sciences, genomics and biotechnology for health' thematic area of the Sixth Framework Programme (FP6), aims to provide a Europe-wide integration of computational approaches in systems biology. Focused on the development and critical assessment of computational approaches in this area, it brings together a range of backgrounds and laboratory contexts to traditional wet-bench molecular biology.

For further information, please click: http://www.ebi.ac.uk/training/handson/course_080901_function.html.

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