



## From Theory to Implementations Science and the Web :

**July 27th - August 2nd, 2008**

**Deadline for application: June 15th, 2008**

Scientific research is one of the most complex endeavours of the human society. Knowledge is expanded by the interplay of millions of researchers and thousands of institutions that are involved in funding, conducting, and publishing scientific research. The parties involved in this interplay may have different motivations and interests, and have access to different pieces of information. How can such a complex system work reliably? And how can it be improved?

Tackling this question requires experimental, theoretical, and computational approaches from diverse disciplines, including philosophy, behavioural sciences, and economics. Results from these approaches may help to improve existing institutions and may inspire the development of novel mechanisms in scientific research.

Clearly, the internet is playing a major role in transforming mechanisms of scientific research. To develop optimal implementations it is essential to study properties and dynamics of existing tools and communities in the internet, and to understand the interplay between motivation, interests, and incentives, between accessing, contributing and distributing information. A better understanding of these issues will improve the use of web-based tools not only for scientific research, but also for educational purposes and decision-making processes.

### Lecturers and moderators

**Gaell Mainguy**, The Institut Veolia Environnement, France

**Dominique Cardon**, Orange, France

**Marc Foglia**, L'Ecole europeenne de gouvernance, France

**Bastien Guerry**, Centre de Reflexions Interdisciplinaires, France

**David Chavalarias**, L'Ecole Polytechnique, France

**Robert Hoffmann**, MIT, USA

**JB Michel**, Harvard, USA

**John Ionnidis**, University of Ioannina, Greece

### Prerequisites

Due to the extremely interdisciplinary nature of the school, there are no formal prerequisites for the candidates. Each application will be evaluated separately.

### Application

Application documents should include a CV and a motivation letter with a list of scientific questions participants already have as regards to topic and a eventually a list of things already done on the web (researches, software...)

Send your application to: [wwwscience@medils.hr](mailto:wwwscience@medils.hr)

### Fee:

Fellowships are available to cover registration and accomodation costs for all participants.

### Organisers:

Livio Riboli-Sasco

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