



**ICT**  
that makes the difference

**INTERNATIONAL CONFERENCE**  
November 22-25, 2009 / Brussels

## ICT that makes the difference

The future of Ambient Intelligence and ICT for Security

[www.ICTthatmakesthedifference.eu](http://www.ICTthatmakesthedifference.eu)

**International Conference**  
**Brussels, November 22-25, 2009**

Hotel Metropole, 31 Place Brouckere, 1000 Brussels, Belgium

- The future of the computer
- The future of the internet
- The future of the relation between the virtual and the real
- The future of ICT for human security

**SAVE THE DATE** Find **MORE INFORMATION** or **REGISTER** online

See reverse side for ■ topics ■ call for abstracts ■ call for posters

**Computers** will become faster and more powerful. They will also become much smaller and be integrated in all objects in our environment. Everything around us and in us will have computer power.

**User interfaces** will become more intuitive and natural. They may also disappear to the extent that the real and the virtual will merge.

■ Industry, R&D, European and national science policy authorities actively promote and guide the new developments in ICT, expecting to contribute to the economy and the quality of life.

Analysts of Ethical, Social- economic, and Legal Aspects (ESLA) of science, accept the invitation to help to clarify what is going on.

The **internet** will grow and become more interactive. It will not only connect computers, but also things, tools... and perhaps brains. Most objects (and human beings?) will be directly online.

**Security** is a social priority. Developments in ICT may become the best protection as well as the worst threat.

■ For more than 30 years, industry, R&D, science policy authorities and ESLA analysts accumulated experience in dealing with powerful developments in biotechnology and biomedicine.

Stakeholders in ICT can learn from successes and failures in dealing with biotechnology and biomedicine.

The conference provides a forum to present and discuss research results, policy plans and new research problems and approaches.

### What ?

#### ■ Lecture sessions

Sessions with a series of informative lectures (20 minutes each), followed by short question time.

#### ■ Interaction sessions

Intensive sessions for smaller groups, with one introduction (10 minutes), maximum 2 related ice-breaking comments (5 minutes each) followed by a long in-depth discussion and exchange of views.

#### ■ Golden Keynote sessions

Lectures by invited leaders in the field, followed by question time.

#### ■ Poster sessions

Walking sessions, discussions with authors of posters.

### Who ?

- Strategic thinkers and planners in the field of science and technology
- Researchers in ICT
- Researchers in Ethical, Socio- economic, and Legal Aspects of science
- Decision makers and advisors in industry and public policy
- Experts and other stakeholders involved in the development or analysis of biotechnology, biomedicine or other strategic developments.

### Why ?

- Learn the opinion of leaders in the field
- Network with peers
- Share information
- Be challenged by the results and work of others.

### Special attention for FP6 and FP7 projects

Participants in EU funded projects (FP6, FP7 and other) in ICT or ESLA of ICT will be given special opportunities to interact and network.

### Initiators

**Guido Van Steendam**, Leuven, Belgium (General Chair)

**Ruth Chadwick**, Lancaster, UK

**Paul McCarthy**, Lancaster, UK

**Juliet Lodge**, Leeds, UK

**Stefano Rodota**, Rome, Italy

The **ICT Science Valley** of The Budapest Meeting

The **Security Science Valley** of The Budapest Meeting

### Grants

A limited number of grants are available.

Grants will be awarded based on a combination of need and merit.

Grants include a waiver of the registration fee and may include the cost or travel and hotel (or a contribution to this cost)

### Context

The international conference is the fifth in a series of high level networking events, starting with The Budapest Meeting 2005.

### Financial support

The Conference is co-financed by the European Commission, DG Research, Directorate Science, Economy and Society, ICTethics, Grant 230368

More information: [info.TBM2009@theIFB.eu](mailto:info.TBM2009@theIFB.eu)





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See reverse side for ■ profile ■ what? ■ who? ■ why? ■ grants ■ acknowledgements

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### CALL FOR ABSTRACTS

**Prospective speakers** in lecture sessions and interaction sessions are invited to submit abstracts. **All topics** are open to contributions ■ from academia, industry, policy makers and other stakeholders ■ from junior and senior researchers ■ from researchers in ICT as well as analysts of Ethical, Socio-economic, and Legal Aspects (ESLA) ■ from researchers, analysts and stakeholders linked to other fields of science and technology. **Abstracts** will be available during the conference. **Full papers** will be published in the conference proceedings and journals.

#### The future of the computer

- Ambient Intelligence
- Disappearing computer
- Intelligent business environments
- Personal health systems

#### The future of the internet

- Internet of things
- Brains online
- Distributed decision making by non-humans
- RFID

#### The future of the relation between the virtual and the real

- ICT-enhanced reality
- Crime in cyberspace
- Robots as experts in law and surgery
- Robots as Personal Humanoid Assistant

#### The future of ICT for human security

- ICT and national security
- ICT and the vulnerabilities of human life
- Multiple identities
- Biometrics

### CALL FOR POSTERS

**All conference participants** are welcome to contribute posters. Posters provide a convenient opportunity to present and discuss your work in progress, your plans or your results with your peers.

**Two groups are especially encouraged** to present a poster:

- EU funded projects
- Projects on strategic developments in ICT
- Projects and work package on ESLA of ICT
- Young researchers in ICT or ESLA of ICT

**Posters** will be on display during the conference and can be posted online.

#### Ethical, Socio-economic and Legal Aspects (ESLA) of ICT

- Privacy
- Digital divide, e-Inclusion, Justice
- ICT, the Lisbon Strategy, and social values
- Intellectual property, copyright
- SPAM and phishing
- The abolition of man and human relationships
- Open access
- The "digital" fix ("Technological" fix, focussing on ICT)

#### Lessons learned from biotechnology or biomedicine

- Moratorium and ban
- Containment
- The "four principles" (Beauchamp and Childress)
- Precaution
- Public acceptance and public revolt
- The role of the media
- Human dignity

#### Free topics (chosen by authors)

- ...

#### Important dates

1 September 2009  
21 September 2009  
22 October 2009  
22 November 2009  
22 December 2009

#### Submission deadline

**Acceptance notification**

**Formatted abstract**

**Posters** (during conference)

**Full paper**

#### Submission guidelines

Extended abstracts (up to 1500 words) and technical descriptions of posters (up to 2 pages) must be submitted online via the conference website. (Tab: "Call for abstracts" or "Call for posters")

More information on the required components of the submissions is available online. Submissions can be in word or pdf.

More information: [info.TBM2009@theIFB.eu](mailto:info.TBM2009@theIFB.eu)

