



PROGRAMME

22 – 25 November 2009
Brussel

Venue: Conference Facilities of Hotel Métropole 31, Place de Brouckère tel +32 1 217 2300

Excelsior Room	(staircase left, minus one)	Arthur Rubinstein Room	Entrance hall
Ambassador Room	(staircase left, minus one)	Restaurant: Jardin Indien	1 st floor
Bourgmestres Room	(staircase left, 2 nd floor)		

The 09.00 session starts at 09.00. There is no 09.05 session.

Sunday 22 November

19.00 -22.00 Registration, welcome, walking buffet
Ambassador Room + bar next to Ambassador Room



Monday 22 November

09.00–09.15 Welcome. Overview of the structure of the Conference
Excelsior Room

ICT, health and care

Excelsior Room

09.15–10.40 1. Interaction Session
Medical access to the human brain

Introductions

Direct brain-computer interfaces: individual, social, and ethical issues

Elisabeth Hildt¹

1 University of Mainz (Germany)

Brain gene transfer and brain implants

Rolando Meloni¹, Nicole Faucon Biguet², Jacques Mallet¹

1 Centre National de la Recherche Scientifique (France)

2 Institut National de la Santé et de la Recherche Médicale (France)

comment



Discussion and Interaction

11.20-13.00 2. Interaction Session
Health care and mental care

Introductions

Responsibilities within an Ambient Assisted Living healthcare project

Neelke Doorn¹

1 Delft University of Technology (Netherlands)

An Innovative way of learning: adaptive decision mobile learning system for people with mental disabilities

Saeed Zare¹, Heidi Schelhowe¹

1 Dimeb (Digital Media in Education), University of Bremen (Germany)

comment

Discussion and Interaction

Security and biometrics

Ambassador Room

09.15–10.40 **1. Interaction Session**
Security in danger

Introductions

The digitalization of the European migration policy

Michiel Besters¹ Frans Brom¹
1 Rathenau Institute (Netherlands)

New security technologies: beyond the privacy-security dilemma

Vincenzo Pavone¹, Sara Degli Esposti²
1 Institute of Public Policies (IPP) – CSIC (Spain)
2 University Carlos III Madrid (Spain)

Security in the danger zone: normative issues of next generation biometrics

Irma van der Ploeg¹
1 Zuyd University (Netherlands)



Discussion and Interaction

11.20-13.00 **2. Interaction Session**
Emotional Biometrics

Introductions

Mission impossible? Security and Protecting personal data (including biometrics) of the vulnerable. Cases of theft and loss.

Daniel Nagel¹
1 Wirtschaftsrechtskanzlei, Bongen, Renaud & Partner (Germany)

Biometric monitoring of behaviour

Dimitrios Tzovaras¹
1 Aristotle University of Thessaloniki (Greece)

Limits and possibilities for use of biometrics in public policy

Peter Hustinx¹
1 European Data Protection Supervisor, EPDS (Belgium)

Discussion and Interaction



11.20-13.00 **1. Interaction Session**
RFID. Implants and the human body

Introductions

Legal aspects of ICT implants

Stefano Rodotà¹,
1 La Sapienza, Fondazione Basso (Italy)

Diane Whitehouse²,
2 The Castlegate Consultancy, (United Kingdom)

Penny Duquenoy³
3 Middlesex University (United Kingdom)

Discussion and Interaction

Legal Aspects

Bourgmestres Room



14.20-16.00

2. Interaction Session Privacy. Toward an electronic identity?

Introductions

Legal concepts of human identity?

Stefano Rodotà¹,
1 La Sapienza, Fondazione Basso, Rome (Italy)

On Interpreting and Constructing (Non-)Human Identities

Rafael Cappuro¹
1 International Center for Information Ethics, Karlsruhe (Germany)

DNA barcoding and personal genomics

Giuseppe Novelli¹
1 Tor Vergata University (Italy)

Discussion and Interaction



14.20-16.00

Interaction Session Privacy. Toward an electronic identity?

Introductions

The social future of the “Internet of X”

Jonathan Cage¹
1 Rand Corporation, (United Kingdom)

The approach of the OASIS project

Karel Van Isacker¹
1 Access for All.eu - Marie Curie Association (Bulgaria)

Ongoing changes in internet protocols

Rudy Vansnick¹
1 Board EURALO (ALAC – ICANN)

Discussion and Interaction

The future of the internet

Excelsior Room



16.40-18.20

Golden Eurydice Award

Excelsior Room

Golden keynote lectures

Emile Aarts

Eindhoven,
The Netherlands

Kevin Warwick

Reading,
United Kingdom

Personal vision on ICT



18.20-20.00

Reception
with finger food
Arthur Rubinstein Room

Tuesday 23 November

Robotics and convergence of the real and the virtual

Excelsior Room

09.00–09.35

1. Keynote lecture.

Roboethics: Social and Ethical Implications of Robotics

Gianmarco Veruggio

Genova
Italy

09.40-10.40

2. Interaction Session Robotics in daily life

Introductions

The future of human machine interaction – integrated robots and smart homes

Atta Badii¹, Daniel Thiemert¹

1 University of Reading, Intelligent Media Systems & Services Research Centre (United Kingdom)

Artificial companions? Empathy and vulnerability mirroring in human-robot relations

Mark Coeckelbergh¹

1 University of Twente (The Netherlands)

The robotic companion

Gianmarco Veruggio¹

1 CNR-IEIIT, Genova (Italy)



Discussion and Interaction

11.20-13.00

3. Interaction Session Disappearing interfaces

Introductions

Implants, chips and transhumanism

Fernand Doridot¹

1 ICAM de Lille (Engineering School) (France)

Brain-computer interfaces: the challenges ahead

Bert Gordijn¹

1 Dublin City University (Ireland)

Interaction metaphors for the exploration of ubiquitous environments

René Reiners¹, Marc Jentsch¹, Christian Prause¹

1 Fraunhofer FIT (Germany)

Discussion and Interaction

Learning from converging technologies

Ambassador Room

09.40-10.40 Interaction Session

Introductions

A tentative methodology for responsible planning of nano-research

Lieve Goorden¹, Marian Deblonde¹

¹ University of Antwerp (Belgium)

Lessons from the Genetically Modified Organisms controversy case for ethical issues in ICT and future technologies

Philippe Goujon¹, Catherine Flick¹

¹ Facultés Universitaires Notre-Dame de la Paix Namur (Belgium)

Discussion and Interaction



Technology, its users and society

Ambassador Room

11.20-13.00 1. Interaction Session

Identifying new social issues

Introductions

A framework for identifying emerging ethical issues in future and emerging technologies

Bernd Carsten Stahl¹, Kutoma Wakunuma¹

¹ De Montfort University (United Kingdom)

Conditions for a critical perspective on Ambient Intelligence: ethical and social issues

Philippe Goujon¹, Catherine Flick¹

¹ Facultés Universitaires Notre-Dame de la Paix Namur (Belgium)

An inquiry into the ethical analysis of ICTs: an innovation systems perspective

Aygen Kurt¹, Penny Duquenoy¹

¹ Middlesex University (United Kingdom)

Discussion and Interaction



14.20-16.00 2 Interaction Session

Inclusion and exclusion

Introductions

The CONFIDENCE system: older people's input at the requirements and conceptual model evaluation stages

Narciso González¹, Anna Kämäräinen¹, Outi Kalla¹, Igone Vélez²

¹ University of Jyväskylä (Finland)

² Centro de Estudios e Investigaciones Técnicas de Gipuzkoa (Spain)

Dealing with disruptions: providing internet access to mobile users on a train

Olaf Bergmann¹, Stefanie Gerdes¹, Jörg Ott², Nils Seifert³, Caleb Carroll⁴, Nigel Wallbridge⁴

¹ University of Bremen TZI (Germany)

² TKK Comnet (Finland)

³ Lysatiq GmbH (Germany)

⁴ Nomad Digital, Ltd. (United Kingdom)

ICT that makes the difference for marginalised youngsters

Jan Dekelver¹, Wouter Van den Bosch²,

¹ K.H.Kempen - K.U.Leuven (Belgium)

² K.H.Mechelen (Belgium)

Discussion and Interaction



Developing new research

Excelsior Room

14.20-16.00

Interaction Session Work in Progress

Introductions

Forensics software for detecting online paedophile activity

James Walkerdine¹, Phil Greenwood¹, Awais Rashid¹, Paul Rayson¹, Corinne May-Chahal¹, Penny Duquenoy², Patrick Watson², Matt Jones³, Margaret Brennan⁴

1 Lancaster University (United Kingdom)

2 Middlesex University (United Kingdom)

3 Swansea University (United Kingdom)

4 University College Cork (Ireland)

Breaking the dual function of scientific journals: an arXiv case study

Karim Gherab-Martin¹

1 Harvard University (United States)

Beyond good and evil? Morality in computer games

Geert Gooskens¹

1 University of Antwerp (Belgium)

ICT and overcoming the vulnerabilities of human life

Orpheus as a metaphor for the abolition of man and human relationships

Hendrik Opdebeeck¹

1 University of Antwerp (Belgium)

Discussion and Interaction



16.40-18.20

Open discussion session

Excelsior Room

Soft drinks, water, wine and beer is served

Take your time to find out in private talks or small groups what scientists and science analysts are doing and how their work could link up to yours. Discuss posters, research material and research plans.

Basis

Accepted posters and research material is displayed

Do not use poster panels to post material that has not been approved and selected

Uses of Ambient Intelligence



Comment

Ambient Intelligence approaches water management

Peter Mikulecky¹

1 University of Kradec Kralove (Czech Republic)



Poster

A "human-or-bot" authentication means for VoIP systems in the Aml context

Dimitris Gritzalis¹, Nikos Virvilis¹, Alexios Mylonas¹, Yannis Soupionis¹

1 Athens University of Economics & Business (Greece)



Poster

Context grouping and distribution in the MUSIC middleware

Yves Vanrompay¹, Yolande Berbers¹

1 K.U.Leuven (Belgium)



Poster

Discovery and interaction in smart environments

René Reiners¹, Marc Jentsch¹
1 Fraunhofer FIT (Germany)



Poster

Emulating the internet for QoE testing

Sam Lefebvre¹, Brecht Vermeulen¹
1 Ghent University, Intec ibcn – IBBT (Belgium)



Comment

Managing uncertainty in business and industrial environments

Daniella De Vos¹, Koen Vanhoof¹, Hendrik Van Landeghem²
1 Hasselt University (Belgium)
2 Ghent University (Belgium)



Poster

SysTex - For the future of smart fabrics and interactive textiles in Europe

Lina Rambašek¹, Lieva Van Langenhove¹
1 Ghent University (Belgium)



Poster

uWear - Wearable technology for you

Alexandru Stan¹, Michael Weber¹, George Ioannidis¹, Roselyne van der Keul²,
Hugo Verweij², Richard van Tol²
1 IN2 Search Interfaces Development Ltd. (Germany)
2 Utrecht School of the Arts (The Netherlands)

Security



Poster

Physical and digital security: getting the best of both worlds

Roel Wieringa¹ · Wolter Pieters¹ · André van Cleeff¹
1 University of Twente (The Netherlands)

ICT, health and care



Comment

Developing a novel service concept for wellbeing management: methodological perspective to the concept definition

Veikko Ikonen¹
1 VTT (Finland)



Poster

Exploring the crossroad between ICT and life sciences through modelling of biochemical data

Wanda Guedens¹, Monique Reynders¹
1 Hasselt University (Belgium)

Ethical aspects



Comment

The morality of software usage

Fabian Geier¹
1 University of Bamberg (Germany)



Poster

A new participatory conception of technology: when ICT meets ethics

Penny Duquenoy¹, Aygen Kurt¹, Norberto Patrignani², Federico Rajola², Alessia Santuccio²
1 Middlesex University (United Kingdom)
2 Università Cattolica del Sacro Cuore di Milano (Italy)

Legal aspects and privacy



Comment

Embracing the 'sousveillance state'

Danny Weston¹, Penders Jacques¹
1 Sheffield Hallam University (United Kingdom)



Wednesday 25 November

European Research Area & ESLA (Ethical Socio-economic and Legal Aspects) of science

Excelsior Room

09.00-10.40 **Information Session**

Efforts of the European Commission to monitor the ESLA aspects of the research funded by its framework programmes

Introduction

Maurizio Salvi
Head of the EGE Secretariat,
Member of the Bureau of European Policy Advisors (BEPA)
European Commission, Brussels



11.20-13.00 **Concluding Session**

Breakout groups

Breakout groups
Drawing conclusions for the implementation of Science and Science analysis
1. ICT research 2. ESLA research 3. Science education

Plenary Session

Recommendations to the European Commission, linked to its further Framework Programmes



Initiators
Guido Van Steendam, The IFB, Leuven, Belgium,
Ruth Chadwick, Paul McCarthy, University of Lancaster, UK
Juliet Lodge, University of Leeds, UK
Stefano Rodotà, Gabriella Bonacchi, Fondazione Basso, Rome, Italy

www.ICTethics.eu - www.ICTthatmakesthedifference.eu

European Commission - Directorate General Research
Directorate Science, Economy and Society
Science in Society

