

## Conference Programme



### Thursday, 27 May 2010

*Registration and welcoming coffee (13:00 - 13:40)*

13:40 - 14:00 Maria Uccellatore (MIUR)  
*Opening Address*  
Raymond Fournier (ANR, CHIST-ERA coordinator)  
*Chist-Era presentation and objectives of the workshop*

14:00 - 14:30 Elisabeth Giacobino (QIFT)  
*Quantum technologies: objectives, prospects and challenges*

14:30 - 15:00 Markus Aspelmeyer (QIFT)  
*Quantum hybrid technologies*

15:00 - 15:30 Harald Weinfurter (QIFT)  
*Towards quantum communication networks*

*Short break (15:30 - 15:45)*

15:45 - 16:30 Discussion about the QIFT call (audience & SAB)

*Coffee break (16:30 - 17:00)*

17:00 - 17:30 Wlodzislaw Duch (SASC)  
*Consciousness and Creativity in Brain-Inspired Cognitive Architectures*

17:30 - 18:00 Ricardo Sanz (SASC)  
*Towards full cognitive autonomy in technical systems*

*End of public session and short break (18:00 - 18:15)*

18:15 - 19:15 CHIST-ERA SAB & Agencies meeting (QIFT)

### Friday, 28 May 2010

10:00 - 10:30 James L. Crowley (SASC)  
*Autonomy and Awareness: Emerging views and potential impacts*

10:30 - 11:00 Erol Gelenbe (SASC)  
*Network Self-Awareness and Quality of Service*

*Coffee break (11:00 - 11:30)*

11:30 - 12:00 Holger Giese (SASC)  
*Self-Awareness and Self-Consciousness via Software: An Engineering Perspective*

12:00 - 13:00 Final discussion about the SASC call (audience & CHIST-ERA SAB)

13:00 - 13:20 Wide Hogenhout (FET-Proactive Unit, European Commission)  
*Illustration of the draft Workprogramme 2011-12*

*Lunch (13:20 - 14:30)*

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14:30 - 15:30 CHIST-ERA SAB & Agencies meeting (SASC)

15:30 - 16:30 Agencies restricted meeting

*End of meeting*

QIFT = *Quantum Information Foundations and Technologies*

SASC = *Self-Awareness and Self-Consciousness*

CHIST-ERA SAB = *CHIST-ERA Scientific Advisory Board*

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