

International Workshop on Roadmapping the Future of Multimodal Research Roadmap for Data Collection

- 9.20-9.40 **Corpus Lifecycle in Multimodal Interaction**
 - Maria Koutsombogera (ILSP / Athena R.C.); Harris Papageorgiou (ILSP / Athena R.C.)
- 9.40-10.00 **Topics for the Future: Genre Differentiation, Annotation, and Linguistic Content Integration in Interaction Analysis**
 - Emer Gilmartin (Trinity College Dublin); Francesca Bonin (Trinity College Dublin); Emer Gilmartin (Trinity College Dublin); Carl Vogel (Trinity College Dublin); Nick Campbell (Trinity College Dublin)

10.00-10.30 Coffee Break

Improving Analytical Methods

- 10.30-10.50 **Role of inter-personal synchrony in extracting social signatures: some case studies**
 - Mohamed Chetouani (ISIR-UPMC)
- 10.50-11.10 **Towards Healthcare Personal Agents**
 - Giuseppe Riccardi (University of Trento)
- 11.10-11.30 **Intra- and Interpersonal Functions of Head Motion in Emotion Communication**
 - Zakia Hammal (CMU); Jeffrey Cohn (University of Pittsburgh)

New Methods for Modeling

- 11.30-11.50 **Statistical Pattern Recognition Meets Formal Ontologies: Towards a Semantic Visual Understanding**
 - Marco Cristani (University of Verona); Roberta Ferrario (CNR)
- 11.50-12.10 **Cognitive Multimodal Processing: from Signal to Behavior**
 - Alexandros Potamianos (National Technical University of Athens)

12.10 – 13.30 Lunch Break

Interaction Roadmap

- 13.30-13.50 **Challenges for Social Embodiment**
 - Elisabeth André (University of Augsburg)
- 13.50-14.10 **ROKIT: Roadmap for Conversational Interaction Technologies**
 - Steve Renals (University of Edinburgh); Jean Carletta (University of Edinburgh); Keith Edwards (University of Edinburgh); Herve Bourlard (Idiap Research Institute); Phil Garner (Idiap Research Institute); Andrei Popescu-Belis (Idiap Research Institute); Dietrich Klakow (Saarland University) ; Andrey Girenko (Saarland University); Volha Petukhova (Saarland University); Philippe Wacker (LT-Innovate); Andrew Joscelyne (LT-Innovate); Costis Kompis (Vodera); Simon Aliwell (Vodera) ; William Stevens (Europe Unlimited); Youssef Sabbah (Europe Unlimited)
- 14.10-14.30 **Natural Multimodal Interaction with a Social Robot: What are the Premises?**
 - Albert Ali Salah (Bogazici University)

Applications and Business Opportunities

- 14.30-14.50 **Multimodal Interaction for Future Control Centers – Interaction Concept and Implementation**
 - Rene Kaiser (johanneum Research); Ferdinand Fuhrmann (Johanneum Research)

- 14.50-15.10 **Towards Multimodal Pain Assessment for Research and Clinical Use**
– Zakia Hammal (CMU); Jeffrey Cohn (University of Pittsburgh)
- 15.10 – 15.30 **Automatic Behaviour Understanding in Medicine**
- Michel Valstar (University of Nottingham)

15.30-16.00 Coffee Break

Discussion

16.00-17.00 Open discussion