

# SE1: Robust and Adaptive Information Processing for Mobile Speech Interfaces

## Saturday August 28

09:15 Welcome

09:30 – 10:30 Invited Speaker: Michael McTear (University of Ulster, Newtownabbey):  
New Directions in Spoken Dialogue Technology for Pervasive Interfaces

10:30 – 11:00 Markku Turunen et al. (DUMAS project):  
AthosMail: A Multilingual Adaptive Spoken Dialogue System for an E-mail Domain

11:00 – 11:30 Coffee

11:30 – 12:00 Gambäck, Olsson, Sahlgren, Funk, Ramsay, Paajanen (DUMAS project):  
The AthosMail Text Processor

12:00 – 12:30 Black, Conroy, Funk, Ramsay, Stairmand and Thompson (UMIST, Manchester):  
Multilingual Discourse Processing

12:30 – 13:00 Discussion

13:00 – 14:00 Lunch

14:00 – 15:00 Invited Speaker: Peter Brass (German Federation of Blind and Visually Impaired People)

15:00 – 15:30 Jokinen, Kanto, Kerminen and Rissanen (University of Art and Design Helsinki):  
Evaluation of Adaptivity and User Expertise in a Speech-based E-mail System

15:30 – 16:00 Coffee

16:00 – 18:00 DUMAS demonstrations and posters:

- Multilingual AthosMail (Turunen et al.)
- AthosNews for Finnish (Heiskari)
- AthosNews for English (Stairmand)
- The DUMAS Calendar Application (Pakucs)
- Robust Language Analysis (Järvinen et al.)
- Speech Applications at ETeX (Schöbel-Lunshof)

18:00 Reception

# SE1: Robust and Adaptive Information Processing for Mobile Speech Interfaces

## Sunday August 29

09:30 – 10:00 Invited Speaker: Hans Dolfing (Vox Generation, London):  
Conversational Speech in FASiL

10:00 – 10:30 Panttaja, Reitter and Cummins (Media Lab Europe; University College Dublin):  
The Evaluation of Adaptable Multimodal System Outputs

10:30 – 11:00 Alex Bailey (Canon Research, London):  
Challenges and Opportunities for Interaction on Mobile Devices

11:00 – 11:30 Coffee

11:30 – 12:00 Invited Speaker: Péter Pál Boda (Nokia Research, Helsinki):  
Multimodal Integration in a Wider Sense

12:00 – 12:30 Cheng, Calvedon and Dale (CSLI, Stanford; Macquarie University, Sydney):  
Generating Navigation Information Based on the Driver's Route Knowledge

12:30 – 13:00 Antti Kerminen and Magnus Sahlgren (UIAH, Helsinki; SICS, Stockholm):  
Vector-based DACT Classification

13:00 – 14:00 Lunch

14:00 – 14:15 Tom Wachtel (UMIST, Manchester):  
Video: "Do You Do Dumas?"

14:15 – 15:45 Panel discussion: Future Challenges  
Alex Bailey, William Black, Peter Boda, Robert Dale, Björn Gambäck,  
David Horowitz, Kristiina Jokinen, Michael McTear, Victor Poznanski,  
Helmut Schöbel-Lunshof, Yorick Wilks

15:45 – 16:00 End of the workshop and coffee

DUMAS Meeting