

The Multimodality of Human Communication: Theories, Problems and Applications

University of Toronto, Victoria College, May 3 - 5, 2002
Venue: Emmanuel College, Room 119, 75 Queen's Park Crescent East, Toronto

PROGRAM

Friday, May 3

2:00 - 2:15 **Opening** by *Professor Paul Gooch*, President of Victoria University

First Session: ***Overture, Themes and Variations***

Chair: Prof. Paul Thibault (Lingnan University, Hong Kong)

2:15 - 3:00 ***"The Multimodal Brain: How the Senses Combine in the Brain"***
 Prof. Marcel Kinsbourne (New School University, New York)

3:00 - 3:30 ***"Optics and Haptics: the Picture"***
 Prof. John Kennedy (University of Toronto)

3:30 - 4:00 ***"Tactile Pictures"***
 Juan Bai (University of Toronto)

Coffee break

Chair: Dr. Michael W. Mair (International Standards Organization)

4:15 - 5:00 ***"The Role of Gesture in Language, Thought and Communication"***
 Prof. David McNeill (University of Chicago)

5:00 - 5:30 ***"Emotions and the Non-verbal Structuring of Relationships"***
 Prof. Keith Oatley (University of Toronto)

5:30 - 6:00 ***Discussion***

Saturday, May 4

Second Session: ***Language in Motion***

Chair: Prof. David McNeill (University of Chicago)

- 9:00 - 9:30 ***“Multimodal Discourse: Gesture, Speech and Gaze”***
Prof. Francis Quek (Wright State University, Computer Science)
- 9:30 - 10:00 ***“Left- and Right-Brain Hemisphere Contributions to Speech-Gesture
Production”***
Dr. Susan Duncan (University of Chicago)
- 10:00 - 10:30 ***“The Multimodal Melody of the Text”***
Dr. Michael W. Mair (International Standards Organization)
- 10:30 - 11:00 ***“Spoken and Nonverbal language in Early Modern Italy:Defining a
Standard***
Dario Brancato (University of Toronto)

Coffee break

Third Session : ***Gestures of the Voice***

Chair: Prof. Michel Paradis (McGill University)

- 11:15 - 11:45 ***“Intonation’s Many Functions”***
Prof. Philippe Martin (University of Toronto)
- 11:45 - 12:15 ***“Research in the Prosodic Structure of Mandarin”***
Ivan Chow (University of Toronto)

Lunch break

Fourth session: ***The Multimodal Loom of Language Acquisition***

Chair: Yves Roberge (University of Toronto)

- 2:00 - 2:30 ***“Neurolinguistics of Bilingualism and the Teaching of Languages”***
 Prof. Michel Paradis (McGill University)
- 2:30 - 3:00 ***“ The role of second language proficiency and other cognitive processes
in learning to read in second language”***
 Prof. Esther Geva (University of Toronto)
- 3:00 - 3:30 ***“A Production Model for Bilingual Speakers”***
 Naoko Tomioka (McGill University)
- 3:30 - 4:00 ***“La multimodalité dans l’interaction natif / non natif: cas de négociation
du sens”***
 Tsuyoshi Kida (Université de Provence)

Coffee break

Fifth Session: ***Meaning in Multi-sensorial Communication***

Chair : Prof. Esther Geva (University of Toronto)

- 4:15 - 4:45 ***“Meaning-making across semiotic scales”***
 Prof. Paul Thibault (Universita degli Studi di Venezia and Lingnan
 University)
- 4:45 - 5:15 ***“Psychometrics of Multi-channel communication: Wearable Computers”***
 Leonardo Ruppenthal and Prof. Mark Chignell (University of Toronto)
-

Sixth Session: *Multimodality in Performance*

Chair: Prof. Paul Bouissac (University of Toronto)

5:15 - 5:45 **“*The Multimodal ‘Language’ of Cirque du Soleil: Crossing Borders*”**
James Skidmore (University of Toronto)

Sunday May 5

Seventh Session: *Virtual Perspectives*

Chair: Francis Quek (Wright State University)

10:00 - 10:45 **“*Computer Modeling of Expressive Human Faces*”**
Demetri Terzopoulos (New York University)

Coffee break

1: 00 - 11:45 **“*Artificial Life and Interactive Computer Games*”**
Demetri Terzopoulos (New York University)

11:45 - 12:30 **“*Theories, Problems and Applications of Multimodality in IT
Communications and Interfaces*”**
Panel Discussion and Open Commentaries

Launching of the Virtual Symposium 2002-2004
