



MMSYM Program Overview

25.09. – 27.09.2024

Goethe University Frankfurt am Main; Campus Westend Casino Building

Time	Wednesday, 25.09.2024	Thursday, 26.09.2024	Friday, 27.09.2024
08:30 - 40	Registration (08:30 – 17:00)	Registration (08:30 – 17:00)	
08:40 - 50			
08:50 - 09			
09:00 – 10	Opening Ceremony	Keynote 2: Judith Holler	Talks 8 (4 Slots)
09:10 - 20			Semantics/Pragmatics of gestures
09:20 - 30	Keynote 1: Julie Hunter		
09:30 - 40			Talks 4 (3 Slots)
09:40 - 50		Embodiment and Arts	
09:50 - 10	Postersession 3		
10:00 - 10		Coffee break	
10:10 - 20			Coffee break
10:20 - 30	Talks 1 (4 Slots)	Coffee break	
10:30 - 40			Prosody-Gesture Interaction
10:40 - 50	Talks 5 (4 Slots)	Coffee break	
10:50 - 11			Sign Languages
11:00 - 10	Lunch	Keynote 3: Petra Wagner	
11:10 - 20			Lunch
11:20 - 30	Lunch	Farewell	
11:30 - 40			Lunch
11:40 - 50	Lunch	Farewell	
11:50 - 12			Lunch
12:00 - 10	Lunch	Farewell	
12:10 - 20			Lunch
12:20 - 30	Lunch	Farewell	
12:30 - 40			Lunch
12:40 - 50	Lunch	Farewell	
12:50 - 13			Lunch
13:00 - 10	Lunch	Farewell	
13:10 - 20			Lunch
13:20 - 30	Lunch	Farewell	
13:30 - 40			Lunch
13:40 - 50	Lunch	Farewell	
13:50 - 14			Lunch
14:00 - 10	Lunch	Farewell	
14:10 - 20			Lunch
	Talks 2 (4 Slots)		
	Processing of Multimodal Data		

14:20 - 30		Talks 6 (3 Slots)	Potentially: Campus Tour (time tbd)
14:30 - 40		Methodological Perspectives	
14:40 - 50			
14:50 - 15			
15:00 - 10	Postersession 1		
15:10 - 20	Postersession 2		
15:20 - 30			
15:30 - 40			
15:40 - 50			
15:50 - 16			
16:00 - 10			
16:10 - 20	Coffee break		
16:20 - 30			
16:30 - 40	Coffee break		
16:40 - 50			
16:50 - 17		Talks 3 (4 Slots)	
17:00 - 10		Multimodality and Development	
17:10 - 20	Talks 7 (4 Slots)		
17:20 - 30	Phonetic aspects of gestures		
17:30 - 40			
17:40 - 50			
17:50 - 18			
18:00 - 10			
18:10 - 20	Short break		
18:20 - 30			
18:30 - 40	Welcome Reception at IG-Farben building	Travelling to Sachsenhausen	
18:40 - 50			
18:50 - 19			
19:00 - 10			
19:10 - 20			
19:20 - 30			
19:30 - 40		Conference Dinner at Lorsbacher Thal	
19:40 - 50			
19:50 - 20			
20 - open			



Detailed program for MMSYM

Sessions and Contributions

Keynotes

Julie Hunter

LinaGora Labs, Toulouse

“Situated Conversation and Conversational Cobots”

Judith Holler

Donders Institute for Brain, Cognition & Behaviour, Nijmegen

“Producing and comprehending multimodal utterances in face-to-face conversation”

Petra Wagner

Bielefeld University

“The multimodal expression of (non-)understanding in dyadic explanations – some lessons learned”

Oral Presentations

Session 1 (25.09. 11:00 – 12:20): Prosody-Gesture Interaction

Patrick Louis Rohrer, Ronny Bujok, Lieke van Maastricht & Hans Rutger Bosker

Donders Centre for Cognition, Radboud University, Nijmegen; Max Planck Institute for Psycholinguistics, Nijmegen; Centre for Language Studies, Radboud University, Nijmegen

“The timing of non-referential beat gestures affects lexical stress perception in Spanish regardless of individuals’ working memory capacity”

Massimo Moneglia & Giorgina Cantalini

University of Florence; Civica Scuola Interpreti e Traduttori ‘Altiero Spinelli’, Milan

“Prosodic Synchrony and the Semantic Anchors of Referential Gestures”

Paula G. Sánchez-Ramón, Frank Kügler & Pilar Prieto

Universitat Pompeu Fabra; Goethe University Frankfurt; Institució Catalana de Recerca i Estudis Avançats

“The influence of gesture presence in the prosodic realization of focus types in the Catalan language”

Florence Baills & Stefan Baumann

Universitat de Lleida; University of Cologne

“Gesture, prosody and syntax as markers of information structure in French”

Session 2 (25.09. 13:40 – 15:00): Processing of multimodal data

Walter Philip Dych, Karee Garvin & Kathryn Franich
Binghamton University; Harvard University

“A toolkit for automating co-speech gesture data annotation and analysis”

Lena Pagel, Simon Roessig & Doris Mücke
University of Cologne; University of York

“Introducing DiCE: A novel approach to elicit and capture multimodal accommodation via 3D electromagnetic articulography, audio, and video”

Romain Pastureau & Nicola Molinaro
Basque Center on Cognition, Brain and Language (BCBL), San Sebastián; Universidad del País Vasco/Euskal Herriko Unibertsitatea, San Sebastián; Ikerbasque, Basque Foundation for Science

“Krajjat: A Python Toolbox for Analysing Body Movement and Investigating its Relationship with Speech”

Davide Ahmar, Šárka Kadavá & Wim Pouw
Donders Institute for Brain, Cognition and Behavior; Leibniz Centre for General Linguistics

“MOBILE MULTIMODAL LAB: An Open-Source, Low-Cost and Portable Laboratory for the study of Multimodal Human Behavior”

Session 3 (25.09. 16:50 – 18:10): Multimodality and Development

Sara Coego, Núria Estve-Gibert & Pilar Prieto
Universitat Pompeu Fabra; Universitat Oberta de Catalunya; Institució Catalana de Recerca i Estudis Avançats (ICREA)

“Preschoolers’ use of prosody and gesture in marking focus types”

Anita Slonimska, Alessia Giulimondi, Emanuela Campisi & Asli Ozyurek
Max Planck Institute for Psycholinguistics, Nijmegen; Utrecht University; Catania University; Donders Institute for Brain, Cognition and Behavior, Nijmegen

“Simultaneity in iconic two-handed gestures: a communicative strategy for children”

Joel Espejo-Álvarez, Júlia Florit-Pons, Claire Lien Luong, Mireia Gómez i Martínez, Alfonso Iguualada & Pilar Prieto
Universitat Pompeu Fabra; University of Cork; Universitat Oberta de Catalunya; Institució Catalana de Recerca i Estudis Avançats

“The impact of a multimodal oral narrative intervention on boosting the frequency of use and the quality of children’s non-dominant language”

Mariia Pronina, Júlia Florit-Pons, Sara Coego & Pilar Prieto
The University of the Balearic Islands; Universitat Pompeu Fabra; Institució Catalana de Recerca i Estudis Avançats (ICREA)

“Different developmental paths of multimodal imitation in typically and non-typically developing preschool and primary school children”

Session 4 (26.09. 10:00 – 11:00): Embodiment and Arts

Lara Pearson, Thomas Nuttall & Wim Pouw

Max Planck Institute for Empirical Aesthetics, Frankfurt; Universitat Pompeu Fabra; Donders Institute for Brain, Cognition, and Behaviour, Radboud University, Nijmegen

“Motif-Gesture Contiguity in Karnatak Vocal Performance: A Multimodal Computational Analysis”

Marzena Zygis & Nasim Mahdinazhad Sardhaei

Leibniz Center for General Linguistics

“Orofacial signals beyond sight: A study of expressive faces and whispered voices in German”

Elena Nicoladis

University of British Columbia

“The effects of familiarity on children’s pantomimes”

Session 5 (26.09. 11:30 – 12:50): Sign languages

Sonja Gipper, Anastasia Bauer, Jana Hosemann & Tobias-Alexander Herrmann

University of Cologne

“Multimodal feedback in signed and spoken languages: Evidence for a shared infrastructure of conversation”

Marisa Cruz & Sónia Frota

University of Lisbon

“Four seasons in one head: The prosodic phrasing of enumerations in Portuguese Sign Language”

Clara Lombart

University of Namur, NaLTT, LSFB-Lab

“How visual cues make information units more prominent in spoken and signed languages: A case study on French and French Belgian Sign Language (LSFB)”

Anastasia Bauer, Anna Kuder, Marc Schulder & Job Schepens

University of Cologne; University of Hamburg

“The phonetics of addressee’s head nods in signed and spoken interaction using a computer vision solution”

Session 6 (26.09. 14:20 – 15:20): Methodological Perspectives

Geert Brône, Bert Oben & Julie Janssens

University of Leuven

“Looking together. An eye-tracking corpus of museum visitors’ shared experience and joint attention”

Sam O’Connor Russell & Naomi Harte

Trinity College Dublin, Ireland

“Towards Multimodal Turn-taking for Naturalistic Human-Robot Interaction”

Mojenn Schubert

Leibniz-Institute for the German Language, Mannheim

“Navigating the topical landscape: Pointing at others as an embodied backlinking device in multi-party interaction”

Session 7 (26.09. 17:10 – 18:30): Phonetic aspects of gestures

Gilbert Ambrazaitis, Margaret Zellers & David House

Linnaeus University, Växjö; Kiel University; KTH Royal Institute of Technology, Stockholm

“Pitch accent realization as a function of accompanying manual or eyebrow gestures in spontaneous Swedish dialogue”

Martine Grice, Alexandra Vella, Maria Lialiou, Florence Bails, Aviad Albert, Petra B. Schumacher, Nadia Pelageina & Solveigh Janzen

University of Cologne; University of Malta; Universitat de Lleida

“Gesture apex coordination with prosodic structure and tonal events in Maltese English”

Kathryn Franich & Vincent Nwosu

Harvard University; University of Calgary

“Timing of Co-Speech Gesture in Igbo: Influence of Metrical Prominence and Tonal Melody”

Helene Springer, Henrik Garde, Frida Splendido & Marianne Gullberg

Lund University; Lund University Humanities Lab

“Quantifying the visual salience of Swedish vowels: A computer vision approach”

Session 8 (27.09. 09:00 – 10:20): Semantics/Pragmatics of gestures

Andy Lücking, Alexander Mehler & Alexander Henlein

Goethe University Frankfurt, Text Technology Lab

“The Gesture--Prosody Link in Multimodal Grammar”

Silva H. Ladewig

University of Göttingen

“From Hand to Discourse: The Stabilization of the Slicing Gesture and its Meta-Pragmatic Function”

Daniel K. E. Reisinger & Marianne Huijsmans

University of British Columbia; University of Alberta

“On the Role of Co-speech Gesture with $\eta\alpha\gamma\eta\alpha\upsilon\theta\epsilon\mu$ D Elements”

Cornelia Loos & Sophie Repp

University of Hamburg; University of Cologne

“The many ways to mark agreement & rejection: Multimodal polar responses in German”

Postersessions

Postersession 1 (25.09. 15:00 – 16:20)

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|-------|--|--|
| D1-01 | Alina Naomi Riechmann & Hendrik Buschmeier
Bielefeld University | <i>“Automatic Reconstruction of Dialogue Participants’ Coordinating Gaze Behaviour from Multiple Camera Perspectives”</i> |
| D1-02 | Luca Béres, Ádám Boncz, Péter Nagy & István Winkler
HUN-REN Research Centre for Natural Sciences, Budapest;
Budapest University of Technology and Economics, Budapest | <i>“The role of synchronization in face-to-face communication: A dual eye-tracking and motion capture study”</i> |
| D1-03 | Sharice Clough, Beyza Sümer, Kristel de Laat, Annick Tanguay, Sarah Brown-Schmidt, Melissa C. Duff & Aslı Özyürek
MPI for Psycholinguistics; Vanderbilt University Medical Center; University of Amsterdam | <i>“Spatial Narratives from Remote and Recent Memory in Individuals with Alzheimer’s Disease and Healthy Older Adults: A Multimodal and Kinematic Perspective”</i> |
| D1-04 | Stefanie Shattuck-Hufnagel & Ada Ren-Mitchell
MIT RLE Speech Communications Group; MIT Media Lab | <i>“Kinematic gestural evidence for higher-level prosodic constituents in speech”</i> |
| D1-05 | Aleksandra Ćwiek, Šárka Kadavá, Wim Pouw & Susanne Fuchs
Leibniz-Centre General Linguistics; Donders Institute for Brain, Cognition, and Behaviour; University of Göttingen | <i>“The Communicative Consequences of Multimodal Coordination”</i> |
| D1-06 | Schuyler Laparle & Merel Scholman
Tilburg University; Utrecht University; Saarland University | <i>“Signaling discourse relations in multimodal communication”</i> |
| D1-07 | Marion Schulte
Rostock University | <i>“Social meaning and multimodality: The performance of scientific authority”</i> |
| D1-08 | Vera Wolfrum, Carina Lüke & Simone Schaeffner
Julius-Maximilians University Würzburg | <i>“The influence of linguistic input on the multimodal language processing of primary school children”</i> |
| D1-09 | Stefan Lazarov & Angela Grimminger
Paderborn University | <i>“Verbal signals of understanding do not predict a decrease of gesture deixis”</i> |

- D1-10 **Elena Nicoladis, Anahita Shokrkon & Shiva Zarezadehkheibari**
University of British Columbia;
University of Alberta
“Farsi-English bilinguals’ gesture production while telling a story”
- D1-11 **Kazuki Sekine & Ikuko Nonaka**
Waseda University
“Effects of Bowing During Japanese Telephone Conversation on Acoustic Properties”

Postersession 2 (26.09. 15:20 – 16:40)

- D2-01 **Alexander Henlein, Alexander Mehler & Andy Lücking**
Goethe University Frankfurt, Text
Technology Lab
“Virtually Restricting Modalities in Interactions: Va.Si.Li-Lab for Experimental Multimodal Research”
- D2-02 **Han Zhou**
Heidelberg University
“A Theoretical Model for Analyzing Metaphors in Multimodal Communication: Exemplified by Pictorial and Verbo-Pictorial Metaphors in Editorial Cartoons”
- D2-03 **Patrizia Paggio, Manex Agirrezabal & Bart Jongejan**
University of Copenhagen; University
of Malta
“Movement entrainment in online meetings”
- D2-04 **Alina Gregori & Susanne Fuchs**
Goethe University Frankfurt; Leibniz-
Center for General Linguistics
“Moving Meetings by Moving Prosody and Gesture”
- D2-05 **Marion Bonnet, Cornelia Ebert, Kurt Erbach & Markus Steinbach**
Göttingen University; Goethe
University Frankfurt
“Show me the choice”
- D2-06 **Christoph Rühlemann**
University of Freiburg
“The effect of gesture expressivity on emotional resonance in storytelling interaction”
- D2-07 **Himmet Saritaş & Şeyda Özçalışkan**
Georgia State University
“Does gesture play a similar role in the communication of second language learners in face-to-face and online interactions?”
- D2-08 **Emanuel Schütt, Merle Weicker & Carolin Dudschig**
University of Tübingen; Goethe
University Frankfurt; University of
Cologne
“Human language comprehenders appear to integrate rapidly gestural and verbal expressions of “yes” and “no”: Evidence from a two-choice response time task”

- D2-09 **Ingrid Vilà-Giménez, Mariia Pronina & Pilar Prieto**
 Universitat de Girona; Universitat de les Illes Balears; Institució Catalana de Recerca i Estudis Avançats; Universitat Pompeu Fabra
“Exploring children’s storytelling: The link between narrative abilities, receptive vocabulary and gesture rate in 7- to 9-year-olds”
- D2-10 **Nathalie Frey & Carina Lüke**
 University of Würzburg
“Multimodal insights into the lexical development of mono- and multilingual children with SLCN”
- D2-11 **Júlia Florit-Pons, Pilar Prieto, Alfonso Igualada**
 Universitat Pompeu Fabra; Institució Catalana de Recerca i Estudis Avançats; Universitat Oberta de Catalunya; Institut Guttmann
“A multimodal narrative intervention for boosting NDD children’s oral narrative skills”

Postersession 3 (27.09. 10:20 – 11:40)

- D3-01 **Arianna Colombani, Varghese Peter, Quian Yin Mai, Outi Tuomainen, Natalie Boll-Avetisyan, Amanda Saksida & Mridula Sharma**
 International Doctorate for Experimental Approaches to Language and Brain (IDEALAB); Macquarie University; University of Potsdam; University of the Sunshine Coast, Brisbane; Institute for Maternal and Child Health-IRCCS “Burlo Garofolo”, Trieste
“Cross-situational learning of word-gesture pairs in children and adults: a behavioral and event-related potential study”
- D3-02 **Stéphanie Caët, Loulou Kosmala, Carla Ferran & Marine Laval**
 Université de Lille; UMR 8163 Savoirs, Textes, Langage; Université Paris Nanterre; EA 370 CREA
“Participation of deaf children with a cochlear implant in family dinner interactions: the role of gesture”
- D3-03 **Katharina J. Rohlfing, Nils Tolksdorf, Angela Grimminger, Koki Honda & Kazuki Sekine**
 Paderborn University; Waseda University
“Using social robots for cross-cultural gesture elicitation in children: Psycholinguistic considerations on dialogue design”

- D3-04 **Maria Graziano, Joost van de Weijer & Marianne Gullberg**
Lund University Humanities Lab;
Centre for Languages and Literature,
Lund University
“Exploring gesture distribution over disfluency markers in competent speakers and language learners”
- D3-05 **Joanna Wójcicka, Anna Kuder & Justyna Kotowicz**
University of Warsaw; University of Cologne; University of Silesia
Katowice
“Language Control and Multimodal Behavior in Native Hearing PJM-Polish Bilinguals Using Spoken Polish”
- D3-06 **Fien Andries, Katharina Meissl & Clarissa de Vries**
KU Leuven
“Mocking enactments: a case-study of multimodal stance-stacking”
- D3-07 **Margaret Zellers, Jan Gorisch & David House**
Kiel University; Leibniz-Institut für Deutsche Sprache; Kungliga Tekniska Högskolan
“Referential gestures and the management of turn-taking in conversation”
- D3-08 **Johannes Heim, Rebecca Woods, Franziska Busche & Sophie Repp**
University of Aberdeen; Newcastle University; University of Cologne
“Multimodal profiles of different (negative) question types”
- D3-09 **Federica Raschellà, Frida Splendido, Nadja Althaus, Marieke Hoetjes & Gilbert Ambrazaitis**
Linnaeus University, Växjö; Lund University; University of East Anglia, Norwich; Radboud University, Nijmegen
“Embodied pronunciation training for the Swedish complementary length contrast”
- D3-10 **Anna Inbar & Yael Maschler**
The Academic College Levinsky-Wingate; University of Haifa
“Pointing at the addressee in Hebrew face-to-face interaction”
- D3-11 **Vivien Lohmer & Friederike Kern**
Bielefeld University
“The role of interactive gestures in explanatory interactions”

