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	**Oral session 8** (4 Slots) Semantics/Pragmatics of gestures
09:10 - 20			
09:20 - 30			
09:30 - 40	**Keynote 1:** Julie Hunter		
09:40 - 50		Chair: Wim Pouw	
09:50 - 10			
10:00 - 10		**Oral session 4** (3 Slots) Embodiment and Arts	
10:10 - 20			Chair: Cornelia Ebert
10:20 - 30	Chair: Andy Lücking		**Poster session 3**
10:30 - 40	Coffee break		
10:40 - 50		Chair: Patrick Rohrer	
10:50 - 11			
11:00 - 10	**Oral session 1** (4 Slots) Prosody-Gesture Interaction	Coffee break	
11:10 - 20			
11:20 - 30			Chair: Andy Lücking
11:30 - 40		**Oral session 5** (4 Slots) Sign Languages	
11:40 - 50			Coffee break
11:50 - 12			
12:00 - 10			
12:10 - 20	Chair: Petra Wagner		**Keynote 3:** Petra Wagner
12:20 - 30	Lunch		
12:30 - 40			
12:40 - 50		Chair: Markus Steinbach	
12:50 - 13		Lunch	
13:00 - 10			Chair: Frank Kügler
13:10 - 20			Farewell
13:20 - 30			
13:30 - 40			
13:40 - 50	**Oral session 2** (4 Slots) Processing of Multimodal Data		
13:50 - 14			
14:00 - 10			
14:10 - 20			
14:20 - 30		**Oral session 6** (3 Slots)	
14:30 - 40			Campus Tour -

Time	Session	Session	Location
14:40 - 50	Chair: Patrizia Paggio	Methodological Perspectives	Goethe University Campus Westend
14:50 - 15	Chair: Patrizia Paggio	Methodological Perspectives	Goethe University Campus Westend
15:00 - 10	**Poster session 1**	Chair: Aleksandra Ćwiek	Goethe University Campus Westend
15:10 - 20	**Poster session 1**	Chair: Aleksandra Ćwiek	Goethe University Campus Westend
15:20 - 30	**Poster session 1**	**Poster session 2**	Goethe University Campus Westend
15:30 - 40	**Poster session 1**	**Poster session 2**	Goethe University Campus Westend
15:40 - 50	**Poster session 1**	**Poster session 2**	Goethe University Campus Westend
15:50 - 16	**Poster session 1**	**Poster session 2**	Goethe University Campus Westend
16:00 - 10	Chair: Alina Gregori	**Poster session 2**	
16:10 - 20	Chair: Alina Gregori	**Poster session 2**	
16:20 - 30	Coffee break	Chair: Kathryn Barnes	
16:30 - 40	Coffee break	Chair: Kathryn Barnes	
16:40 - 50	Coffee break	Coffee break	
16:50 - 17	**Oral session 3** (4 Slots)	Coffee break	
17:00 - 10	**Oral session 3** (4 Slots)	Coffee break	
17:10 - 20	Multimodality and Development	**Oral session 7** (4 Slots)	
17:20 - 30	Multimodality and Development	**Oral session 7** (4 Slots)	
17:30 - 40	Multimodality and Development	Phonetic aspects of gestures	
17:40 - 50	Multimodality and Development	Phonetic aspects of gestures	
17:50 - 18	Multimodality and Development	Phonetic aspects of gestures	
18:00 - 10	Chair: Carina Lüke	Phonetic aspects of gestures	
18:10 - 20	Short break	Phonetic aspects of gestures	
18:20 - 30	Short break	Chair: Stefan Baumann	
18:30 - 40	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
18:40 - 50	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
18:50 - 19	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
19:00 - 10	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
19:10 - 20	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
19:20 - 30	Welcome Reception at IG-Farben building with a performance of a string quartet	Travelling to Sachsenhausen	
19:30 - 40	Welcome Reception at IG-Farben building with a performance of a string quartet	Conference Dinner at "Homburger Hof"	
19:40 - 50	Welcome Reception at IG-Farben building with a performance of a string quartet	Conference Dinner at "Homburger Hof"	
19:50 - 20	Welcome Reception at IG-Farben building with a performance of a string quartet	Conference Dinner at "Homburger Hof"	
20 - open	Welcome Reception at IG-Farben building with a performance of a string quartet	Conference Dinner at "Homburger Hof"	

A highlight of the welcome reception will be the performance of a string quartet who will play a selection of classical music. We are very happy to welcome these artists:

Carolin Grün (Akademie des hr-Sinfonieorchesters) - Violin 1
Mixia Kang (Akademie des hr-Sinfonieorchesters) - Violin 2
Franziska Hügel (Akademie des hr-Sinfonieorchesters) - Viola
Simon Napp (Hochschule für Musik und Darstellende Kunst Frankfurt am Main) - Violoncello

Detailed program for MMSYM
Sessions and Contributions

Keynote 1 (25.09. 09:30 – 10:30)

Julie Hunter
LinaGora Labs, Toulouse

"Situated Conversation and Conversational Cobots"

Oral 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"

Oral 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 Sebastiá; 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"

<h2 style="text-align:center"><u>Poster session 1</u> (25.09. 15:00 – 16:20)</h2>

D1-01	**Alina Naomi Riechmann & Hendrik Buschmeier** Bielefeld University	*"Automatic Reconstruction of Dialogue Participants' Coordinating Gaze Behaviour from Multiple Camera Perspectives"*
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	*"The role of synchronization in face-to-face communication: A dual eye-tracking and motion capture study"*
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	*"Spatial Narratives from Remote and Recent Memory in Individuals with Alzheimer's Disease and Healthy Older Adults: A Multimodal and Kinematic Perspective"*
D1-04	**Stefanie Shattuck-Hufnagel & Ada Ren-Mitchell** MIT RLE Speech Communications Group; MIT Media Lab	*"Kinematic gestural evidence for higher-level prosodic constituents in speech"*
D1-05	**Aleksandra Ćwiek, Šárka Kadavá, Wim Pouw & Susanne Fuchs** Leibniz-Centre General Linguistics; Donders Institute for Brain, Cognition, and Behaviour; University of Göttingen	*"The Communicative Consequences of Multimodal Coordination"*
D1-06	**Schuyler Laparle & Merel Scholman** Tilburg University; Utrecht University; Saarland University	*"Signaling discourse relations in multimodal communication"*
D1-07	**Marion Schulte** Rostock University	*"Social meaning and multimodality: The performance of scientific authority"*

D1-08	**Vera Wolfrum, Carina Lüke & Simone Schaeffner** Julius-Maximilians University Würzburg	*"The influence of linguistic input on the multimodal language processing of primary school children"*
D1-09	**Stefan Lazarov & Angela Grimminger** Paderborn University	*"Verbal signals of understanding do not predict a decrease of gesture deixis"*
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"*

<u>Oral session 3</u> (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 Igualada & 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"*

Keynote 2 (26.09. 09:00 – 10:00)

Judith Holler
Donders Institute for Brain, Cognition &
Behaviour, Nijmegen

"Producing and comprehending multimodal utterances in face-to-face conversation"

Oral 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"

Nasim Mahdinazhad Sardhaei, Marzena Zygis & Hamid Sharifzadeh
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"

Oral 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"

Oral 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"

Poster session 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; ILCB and IMéRA at Aix-Marseille University	*"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 & James Trujillo** University of Freiburg; University of Amsterdam	*"The effect of gesture expressivity on emotional resonance in storytelling interaction"*
D2-07	**Himmet Sarıtaş & 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"*

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 Baills, 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 ʔayʔaǰuθəm D Elements"*
Cornelia Loos & Sophie Repp University of Hamburg; University of Cologne	*"The many ways to mark agreement & rejection: Multimodal polar responses in German"*

Poster session 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-pseudosign 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"*

Keynote 3 (27.09. 12:10 – 13:10)

Petra Wagner
Bielefeld University

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