

June 15-18, 2022
via Zoom/Gather Town



IACS 4
AACHEN 2022

Semiotic Complexities
Theory & Analysis

**CONFERENCE
PROGRAM**

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The 4th Conference of
the International Association
for Cognitive Semiotics
iacs4.signges.de



KU LEUVEN



English and
American Studies



Center for
Sign Language
and Gesture



Käte Hamburger Kolleg
Cultures of Research

**RWTHAACHEN
UNIVERSITY**

CEST Room 1

Room 2

10:00
a.m.

MULTIMODAL ANALYSIS
John Bateman

12:00
p.m.

1-HOUR BREAK

SEMIOTIC APPROACHES TO RESEARCH CULTURES
Chairs: Alin Olteanu, Phillip Roth

01:00 **Steve Fuller**
p.m. Criteria for being human as a semiotic problem

01:30 **Alin Olteanu**
p.m. The role of imagination in scientific inquiry: a semiotic approach

GESTURE ANALYSIS
Cornelia Müller, Jana Bressemer & Silva Ladewig

02:00
p.m. **10-MINUTE BREAK**

02:10 **Joffrey Becker, Virginie André and Alain Dutech**
p.m. How do we make sense of a robot's behavior? An experimental case study

02:40 **Erica Onnis** / Between ornaments and armaments. Emergent patterns and communication systems
p.m. in abstract and embodied cellular automata

03:10
p.m. **20-MINUTE BREAK**

03:30 **Markus Pantsar and Frederik Stjernfelt**
p.m. How numeral symbols shape arithmetical understanding

04:00 **Amanda Boetzkes**
p.m. The Surd and the Dedifferentiation of Aesthetic Form

04:30 **Alexandre Hocquet, Frédéric Wieber, Phillip Roth and Alin Olteanu**
p.m. The Entanglement of Models and Software. Tools and Representations in Computational Chemistry

05:00
p.m. **10-MINUTE BREAK**

05:10 **Discussion**
p.m.

06:00
p.m. **20-MINUTE BREAK**

06:20
p.m. **PRE-CONFERENCE OPENING WORDS** by the IACS President **Esther Pascual** Keynotes Room

06:30
p.m. **OPENING KEYNOTE: Eve Sweetser** / UC Berkeley Gesture meaning and its basis in the meaning of bodily space **Chair: IACS Vice-President Jamin Pelkey** / Keynotes Room

07:30
p.m. **SOCIAL EVENT** / Lounge

09:00 a.m.	CONFERENCE OPENING & WELCOME by the IACS President Esther Pascual and the IACS4 Co-Chairs Irene Mittelberg and Martin Thiering				Keynotes Room
09:30 a.m.	KEYNOTE 1: Jordan Zlatev / Lund University Can pantomime narrative? A cognitive-semiotic perspective			Chair: Geert Brône / Keynotes Room	
10:30 a.m.	15-MINUTE BREAK				
CEST	Room 1	Room 2	Room 3	Room 4	Keynotes Room
		Metaphor Chair: S. Mohammadi Shirmahaleh	Anthropology Chair: Kristian Tylén	Panel: Music and Embodied Cognition Chairs: Kurt Feyaerts & Paul Sambre	Gesture Chair: akub Jehlicka
10:45 a.m.		Kristine Treija Sound-colour synaesthesia in the framework of conceptual metaphor theory	Katarzyna Machtyl Mutual meaning-making processes in an open world	Gerriet Krishna Sharma Semiotics of Sculpturalty in Shared Perceptual Spaces	S. Debreslioska and P. Perniss Gestures are sensitive to information structure in discourse
11:15 a.m.		Shekoufeh Mohammadi Shirmahaleh Metaphorical Experience of Time: Literary Resignification for Sociopolitical Resistance	K. Tylén, Z. Alinam and C. Vesper The cultural route to conceptualization of urban space	Mihailo Antovic Embodiment and Multi-level Grounding in Naive Participant Descriptions of Musical Excerpts	Valeria De Luca Towards a deictic "vocation" of dance gestures. The example of the sketch and marking in Argentine tango
11:45 a.m.	15-MINUTE BREAK				
12:00 p.m.		Hongjun Chen and Xichu Zhu Hemispheric dominance of metaphor processing for Chinese-English bilinguals: DVF and ERPs evidence	Paul Sambre Semiotic antimafia fieldwork in the wild: maximalist social cognition after Foucault	Nina Julich-Warpakowski Motion verbs in music criticism: Their conceptual and communicative motivation	Jakub Jehlicka and Eva Leheckova An integrative approach to capturing iconicity in co-speech gestures produced in interaction
12:30 p.m.			Elize Bisanz and Papia Bawa Bio-Virtualization. The biological footprints of Visual Reasoning on Memorizing Techniques: An empirical Study Supported by Video-Gaming	Anna Bonifazi Words, music, images, and tears: Cross-modal metaphor and iconicity in Justin Timberlake's song video Cry me a river	
01:00 p.m.	1-HOUR BREAK				
		Metaphor Chair: Göran Sonesson	Anthropology Chair: Kristian Tylén	Panel: Music and Embodied Cognition Chairs: Kurt Feyaerts & Paul Sambre	Gesture Chair: Gökhan Özkayin
02:00 p.m.		Göran Sonesson, Elena Carmen Faur The Lifeworld Foundation of Metaphors	Discussion	Paul Sambre Embodied cognitive semiotics and trumpet discourse: multimodal representation in music as structure and phenomenon	Šárka Kadavá Measuring the efficiency of pantomime in event representation
02:30 p.m.		Joel Parthemore What is a dead metaphor, and when is a metaphor truly dead?		Laura Bishop Emergent coordination of ancillary gestures motivates interperformer engagement during group music-making	Gökhan Özkayin What does it mean that gestures are intentional? A comparison of adaptors and beats in children's narratives
03:00 p.m.	15-MINUTE BREAK				

CEST	Room 1	Room 2	Room 3	Room 4	Keynotes Room
		Panel: Spaces of Memory Chair: Göran Sonesson		Panel: Music and Embodied Cognition Chairs: Kurt Feyaerts & Paul Sambre	Gesture Chair: Gökhan Özkayin
03:15 p.m.		Discussion		K. Meissl, P. Sambre K. Feyaerts The complexity of musical dynamics in orchestra conducting	Discussion
03:45 p.m.				Discussion	
04:15 p.m.	15-MINUTE BREAK				
	Diagrams Chair: Perdo Ata	Contemporary Semiotic Fitting Chairs: K. Kull, S. Walsh Matthews	Inference & Mind Chair: Tiago da Costa E Silva		Reconsidering the Classics Chair: Julia Salzinger
04:30 p.m.	Maria-Eirini Panagiotidou Iconicity with(in) Ekphrasis: Images, diagrams, and metaphors	Kalevi Kull Semiotic Fitting and Ecological Fitting: The open umwelt	Tiago da Costa E Silva On Limits and Relations. The Esthetics of Transgressiveness and the Limits of Semiotical Inquiry		Richard Rosenbaum Answering Eco's Objections to Kant's Categories
05:00 p.m.	Henrique Perissinotto, Joao Queiroz Metacognition and diagrams in marking-for-self	Stéphanie Walsh Matthews Fitting, Fitness, Firing, and Frailty: How various ecologies of semiotic practice are lost within a third-interpretant exploration of human relations	Martin Švantner Inferring Ears: Cognitive Semiotics and Musical Anthroposemiosis		Julia Salzinger What do schemas, signs and icons have in common? The viola joke!
05:30 p.m.	15-MINUTE BREAK				
05:45 p.m.	Discussion	Jamin Pelkey Markedness on Trial: The Semiotic Fitness of an Embodied Concept	Donna West Managing Abductions in the Working Memory System: Reliance on the Episodic Buffer		Discussion
06:15 p.m.		Lorenzo Magnani Semiotic brains and the disembodiment of the mind			
06:45 p.m.	KEYNOTE 2: Riccardo Fusaroli / Aarhus University		Interactive linguistic alignment in perspective: how do we re-use each other's language to understand each other, solve problem together and learn language		Chair: Donna West / Keynotes Room
08:30 p.m.		Geoffrey Govier / Royal College of Music London	PIANO INTERMEZZI	Introduction: Irene Mittelberg / Keynotes Room	

09:00
a.m.**KEYNOTE 3: Claudio Paolucci** / Bologna University**Chair: Paul Sambre** / Keynotes Room10:00
a.m.

15-MINUTE BREAK

CEST

Room 1

Poetics

Chair: **Henrique Perissinotto**

Room 2

Language Acquisition, Development and Learning / Chair: **Lauri Linask**

Room 3

Cognition & Religion
Chair: **Jamin Pelkey**

Room 4

Media
Chair: **Sophia Melanson**

Keynotes Room

Multimodality
Chair: **Maria Hedblom**10:15
a.m.**Mary Coghill**

Semiotics and Poetics: Poet's "toys" – praxis through theory

Huang Xiaoyun

A Study on the Semantic Network of Preposition "of" in the English Learners' Graduation Theses Abstracts under The Principled Polysemy Network Model

Alina Therese Lettner

Buddhist phenomenological steps to an intercultural cognitive semiotics: A Yogācāra view on the bio-cybernetic complexities of living systems

Jose Sanjines

Intersemiosis in Film and New Media

Piotr Konderak

Mapping, coupling, interdependence? On a cognitive-scientific view on multimodality

10:45
a.m.**Giulia Sperduti**

Conceptual metaphors in the reuse of Classical myths in Rita Dove's work: The Darker Face of the Earth

Lauri Linask

The poetry of language acquisition: autocommunication and crib talk

M. Xiang, E. Pascual, A. Bonifazi

Philosophy as therapy: A cognitive rhetorical analysis of the Socratic elenchus in an early Daoist text

Sophia Melanson

Manufacturing Bias: A Cognitive Semiotic Analysis of Political Reasoning within Highly Mediated Political Discourse

M. Thiering, S.Günzel, I. Mittelberg

Viewpoint and the multimodal construction of semiotic spaces in video games

11:15
a.m.

15-MINUTE BREAK

11:30
a.m.

Discussion

E. Rombouts, B. Maes and I. Zink

How returning to a cognitive model clarified surprising results on children's gesture comprehensibility

Jamin Pelkey

Embodied Pattern Grammar in the Tibetan Wheel of Life

Adornetti, Chiera, Altavilla, Deriu, Lecci, Marini, Magni, Valeri, Ferretti

Comprehension of linguistic and visual narratives: an empirical study in children with typical development

Maria Hedblom and Oliver Kutz

The ontology of image schemas and the artificial mind

12:00
p.m.

Discussion

Discussion

Discussion

Claudia Lehmann

Multimodal markers of irony. Yeah, right. Tell me about it!

12:30
p.m.

2-HOUR BREAK

CEST	Room 1 Textuality Chair: Vered Heruti	Room 2 Embodied Language Chair: Sonja Zeman	Room 3 Embodiment Chair: Douglas Niño	Room 4 Emergence & Agency Chair: Todd Oakley	Keynotes Room Multimodality Chair: Inesa Sahakyan
02:30 p.m.	Oscar Castro Embodied cognition and endo-exosemiotics: Allorecognition in non neural organisms	Esther Pascual and Bárbara Marqueta Viewpointed semantics: Spanish verb-complement compounds as fictive interaction constructions	Klaus Schwarzfischer Embodied Aesthetic Experiences as Cognitive Modelling Processes	Pedro Ata and Joao Queiroz Emergent sign-action: classical ballet as a self-organized and temporally distributed semiotic process	Inesa Sahakyan Two plus two is not four: the complex interplay of semiotic modes in multimodal meaning-making practices
03:00 p.m.	V. Heruti, D. Bergerbest and R. Giora Ambiguous Text in Painting: Psycholinguistic Aspects of Making Meaning in the Visual Arts	Hui Zhang Demystify the Mind of Ancient Chinese Diplomats: Legitimation & Representation of Strategies in Zhanguo Ce	Douglas Niño The Curious Incident of the Dog and Predictive Processing: Drawing some Semiotic Consequences of Allostatic Approach to Cognition	Juan Carlos Mendoza Collazos An agency hierarchy: a cognitive semiotic model for understanding and experimenting with agentive phenomena	Chiara Bonsignori, Elena Tomasuolo, Pasquale Rinaldi and Virginia Volterra Representing actions through sign language and co-speech gestures by deaf and hearing Italians.
03:30 p.m.	15-MINUTE BREAK				
03:45 p.m.	Discussion	Sonja Zeman The principle of contrast and the emergence of semantic complexity	Discussion	Todd Oakley Prolegomena to Social-Cognitive Semiotic: Critical Realism in the World of Finance	Kristian Tylén and Lior Noy Investigating collective, creative exploration
04:15 p.m.		Guendalina Righetti and Oliver Kutz A tooth that is a chair: On the problem of concept combination		Discussion	Discussion
04:45 p.m.		Discussion			
05:15 p.m.	15-MINUTE BREAK				
05:30 p.m.	KEYNOTE 4: Morana Alač / UC San Diego		On noticing and articulating traces of Firstness in everyday practice. How would you do it?		Chair: Esther Pascual / Keynotes Room
06:30 p.m.	IACS GENERAL ASSEMBLY / Room 1				
07:30 p.m.	COCKTAIL TASTING AND PUBQUIZ / Break Room				

09:00 a.m.	KEYNOTE 5: Pamela Perniss / University of Cologne				Multimodality and its implications	Chair: Kurt Fayaerts / Keynotes Room	
10:00 a.m.	15-MINUTE BREAK						
CEST	Room 1	Room 2	Room 3	Room 4	Keynotes Room		
		Literature Chair: Drishiti Magoo	Panel: Complexity in Peirce Chairs: Sebastian Feil, Alin Olteanu	Panel: Spaces of Memory Chair: Göran Sonesson	Phenomenology Chair: Oscar Miyamoto		
10:15 a.m.		Juliana Angel-Osorno Emergence of meaning in reading: evidence from cross-level interaction from marginalia	Frederik Stjernfelt Sheets in the Wild	Göran Sonesson The publication of memory in the past and the present	Mouratidou, Zlatev, van de Weijer Experiential and linguistic investment in choice making		
10:45 a.m.		Drishiti Magoo Analysis of the Diaries of Franz Kafka: a cognitive semiotic approach	Linda Freyberg Information Visualizations as epistemic Tools – Peirce’s concept of diagrammatic reasoning in digital environments	M. Fabiszak, A. W. Brzezinska, P. Dobkiewicz Streetnames as semiotic resource	Simsky, Druzhinin, Kravchenko Constructing Temporality: from Activity Theory to the Semiotics of Present, Past and Future		
11:15 a.m.	15-MINUTE BREAK						
11:30 a.m.		Discussion	Sebastian Feil Conceptual Complexities – A Peircean View	Gunnar Sandin Agency, memory and visualization in architectural planning. The case of a large scale science facility in Lund Sweden	Aleksandra Koltun Transformations of the everyday lifeworld: an enactive-embodied perspective		
12:00 p.m.			Natasa Lackovic Peirce’s triadic diagram as analytical framework for cognition and research in education: thinking with “inquiry graphics”	Discussion	Oscar Miyamoto Temporal phenomenology in the Memory System Framework: five levels of complexity		
12:30 p.m.	1,5-HOUR BREAK						

CEST	Room 1	Room 2	Room 3	Room 4	Keynotes Room
	Pictoriality, Visuality, Imagery Chair: Sara Lenninger		Panel: Complexity in Peirce Chairs: Sebastian Feil, Alin Olteanu		Phenomenology Chair: Carlos Andres Perez
02:00 p.m.	Megane Lesuisse, Maarten Lemmens Keeping track of manner focus in static locative event descriptions by Dutch speakers		Rossella Fabbrichesi The complexity of Peirce's reply to the question: what is an idea? From thought-sign to habit-sign		Ivan Fomin On the Semiotic Models of Social Actions and Institutions
02:30 p.m.	Sara Lenninger Symbolicity in pictures		Da Costa E Silva Tiago The Semeiosis of Problem Solving. A Logico-Relational Account in Light of the Maxim of Pragmatism of Charles S. Peirce		Woxell, Zlatev, van de Weijer Spectators' experience of watching dance without music: A cognitive semiotic exploration of kinesthetic empathy
03:00 p.m.	15-MINUTE BREAK				
03:15 p.m.	Discussion				Carlos Andres Perez Association, sedimentation and passivity: a (new) phenomenological approach to image schemas and basic level categories
03:45 p.m.					Discussion
04:15 p.m.	1-HOUR BREAK				
05:15 p.m.	KEYNOTE 6: Cheryce von Xylander / Leuphana University Lüneburg		Beuys – Dogwhistling the Wolves?		Chair: Alin Olteanu / Keynotes Room
06:15 p.m.	CONFERENCE CLOSING / Keynotes Room				
06:30 p.m.	GAMES NIGHT / Game Room				