



COGNITIVE TOOLS IN ACTION

Messina, 28-30 May 2025

28 MAY COSPECS

May 28 – COSPECS

9:00 – Welcome desk and registration

9:30 – Opening

10:00 – Plenary: Lambros Malafouris, *People are STRANGE*

11:00 – Coffee break

11:30/13:00 - Parallel sessions

28-1	28-2	28-3	28-4	28-5	28-6
A. Cook - <i>'Do thou stand for my father': cognitive tools in action in the language and performance of Shakespeare's Henry IV.</i>	G. Versteegen - <i>Performing Courtly Love: Conversation and Literature in Fifteenth Century Spain</i>	M. Auvray, A. de Lagarde, F.B. Escobar - <i>Hearing social touch: Sensory conversion technologies and their effect on cognition</i>	A. Diaz Barriga <i>Occluded Puppeteers and Self-Aware Spectators: Strategic Distancing as a Tool of Embodied Cognition</i>	N. Chiappucci - <i>Reframing Creative Writing: How Computational Models Overdefine Narrative Frames in Screenplays.</i>	R. Herbert - <i>Alternate worlds: Multisensory participatory arts initiatives, situated cognition and consciousness.</i>
D. Baryshnikova - <i>The Dynamic Plurality of Lived Consciousness: Cognition, Representation, and Interpretation in Pavel Ulitin's Writings</i>	L. Delaini - <i>The Body Remembers: Habit and Virtue in Renaissance Memory and Martial Arts</i>	C. Evangelista, M. Tanaka, M. Carrozzino M. Bergamasco - <i>Sound Caption in Virtual Environments as a resource for enhancing presence: an analysis from 2017 to 2023</i>	D. Leberg / S. Sauer <i>Dancing with Skeksis: Immersive Materiality and Distributed Cognition in Puppet-Based Television</i>	M. Barbera, A. Re - <i>Enactivism and cognition: exploring the link between spatial navigation and computational thinking</i>	J. Walduck - R. Herbert <i>Arts-based Practices, Modes of Performativity and Embodied Cognition: Introducing the Participatory Arts Play Framework</i>
T. Kubikowski - <i>Categorisations Clashing: The Overlooked Tool of the Emblem</i>	A.L. Moradian - <i>Missing In Action: what we don't know we know</i>	A. Constant, A. Clark - <i>Supertooling the supersized mind: A complete solution to the recruitment puzzle of the extended mind</i>	J. Hautsch / R. Alexander <i>Media Fandom's Impact on Image Viewing Behaviors: A Neural Network Analysis</i>	G. Città, A. Chifari, S. Ottaviano, S. Perna, A. Re, C. Tosto, M. Gentile - <i>The body as a cognitive resource: new directions for computational thinking at school</i>	N. Shaughnessy - <i>Creative Processes as Cognitive Tools: Participatory Arts as Living Labs</i>

28 MAY COSPECS

13:00 – Lunch

**14:30 – Symposium: Michele Cometa, Vittorio Gallese,
*The Paleoaesthetics of Embodiment: From Tools to Symbols***

15:30 – Coffee break

16:00/18:00 – Parallel sessions

28-7	28-8	28-9	28-10	28-11
J. Fingerhut - <i>Urban Aesthetics and 4E Cognition</i>	E. Raiterová - <i>Reconsidering Narcissism: Prosocial Learning in Contemporary Participant-Oriented Performances</i>	A. Holm - <i>Mediating Authenticity: Multilingualism and Metaphoric Gestures as Communicative Resources in Spoken Word Poetry</i>	E. Prezioso <i>Time Future in Time Past: Memory, Material Culture, and the Phenomenology of Temporal Experience</i>	E. Warburton - <i>Fugitive intersubjectivity: Dance as cognitive tool</i>
M. Bernini - <i>Metaleptic Tourism: Permeability Practices Between Fiction and Reality</i>	G. Stankiewicz - <i>Quatralia. The Conscious Way to the Onstage Unconsciousness</i>	P. Errington - <i>“Getting” poetry: How reading tasks modulate the processing and aesthetic experience of poems</i>	M. Pizzato <i>From Paleo-Performances to Cognitive Stages and Dangerous Screen Melodramas</i>	F. Marchetta <i>An Embodied Learning Experience through Dance Movement Therapy for the students of Primary Education Science</i>
G.F. Artese, M.O. Casper - <i>Cognition at Work: Toward a Hands-on Science of the Mind</i>	C. Minasi - <i>Embodied Landscape. Affective and cognitive refiguration of the landscape</i>	N. Langiulli, M. Coëgnarts - <i>Embodied Visual Meaning in Cinema: From Dynamic Patterns to Metaphors</i>	E. Fugali <i>The Inherently Embodied and Extended Nature of Cognition: From Motor Intentionality to Symbolic Function Through Sensory Organs and Artifacts</i>	E. Mignosi – F. Battista <i>Learning, creating and recognizing oneself through the body and art: the role of Dance movement therapy</i>
D. Anastasi <i>Architecture as a Cognitive Tool: Biomorphism and the Embodied Nature of Space</i>	E. McDowell - <i>Participatory sense-making in theatre-making and marketing: from transaction to enaction in arts and cultural management and policy</i>	G. Gauche - <i>Setting boundaries: a critique of the concept of “container” in Conceptual Metaphor Theory</i>	F.A. Karakostis <i>A novel integrative neuromechanical approach to exploring the evolutionary implications of stone tool-using brain-hand interactions</i>	T. Cavallo - <i>The Body that Thinks, Feels, and Heals: From Performative Improvisation to Enactive Metaphor in Educational and Therapeutic Contexts</i>

29 MAY DICAM

May 29 - DICAM

9:00 – Opening

9:30 – Plenary: Erik Myin, *Cultural evolution favours extensive minds*

10:30 – Coffe break

11:00/13:00 Parallel sessions

29-1	29-2	29-3	29-4	29-5	29-6
H.S. Dünder - <i>The Effect of Imagery Perspective on Recall Performance of Abstract and Concrete Words</i>	R. Kemp - <i>The Situational Self: using somatosensory training, proprioception and kinesthesia as tools to transform the actor's sense of self</i>	J. Simon - <i>Amplifying Empathy Through Animated Narratives: The Undocumented Experience in Home Is Somewhere Else (2022)</i>	N. Gonzalez - <i>The Engineered Absence of Cognitive Tools: When Authorities Control Your Cognitive Future Through Censorship</i>	M. Trybulec – H. Greif <i>Making sense of non-representational cognitive artifacts</i>	M. van Calcar - <i>Sailing with a speedometer: a case study of tools that teach</i>
R. Walsh - <i>Narrative Cognition, the Implicit, and Semiotic Environments</i>	C. Penna - <i>Co(g)scenography- more-than-material tools of performance design</i>	V. Grispo - <i>Literature and the writing process as tolls for Self-healing: The Shaking Woman or a History of my Nerves by Siri Hustvedt</i>	J. Condemni – C. Ferrigno - <i>Between empowerment and human enhancement: the Neuralink case</i>	L. Ieni - <i>How Artistic Representations can generate Fear in the Viewer.</i>	M. Prokop - <i>Sensorimotor Norms and Social Norms in the Context of Motor and Craft Skill</i>
D. Barusevičius - <i>On Relational Memory through Counting Objects and Milieu</i>	M. Murphy - <i>Distributing Cognition for Devised Performance"</i>	I. Jaén Portillo - <i>Film as a Tool for Empathy: Body to World</i>	P. Mantello - <i>Environments of Actuation: Subjectivity in the Age of Neurosomatic Technology</i>	I. Roth - <i>The cognitive tools of aphantasic visual artists</i>	A. Re, G. Città <i>The impact of technological artifacts on cognition and learning</i>
L. Vandelanotte, B. Dancygier - <i>Embodied emotion and interaction in a multimodal genre: The case of stance</i>	J. Arp-Dunham - <i>To Hold or Not to Hold: The Question of How a Script becomes Action in the Actor's Body</i>	T. Kubikowski - <i>Comics as a cognitive tool for cultural memory A reading of Nora Krug's Heimat. Ein deutsches Familienalbum</i>	S. Vasta - <i>What cognitive abilities have made human beings a unique species?</i>	M. Pace - <i>Fabrics of interaction: art-based inquiry for cognition</i>	M. Pérez-Verdugo – X. E. Barandiaran - <i>The equilibration of technical objects: exploring normative layers of technological use</i>

29 MAY DICAM

*expression in internet
memes*

13:00 – Lunch (Poster Session)

14:30 – Workshops

J. Bodini, A. De Cesaris

Creativity and digitalization: A mediapharmacological approach

V. Cazzato, E. Mignosi, S. Makris

*Embodied Cognition in Action: Dance Movement Therapy and
Motion Capture for Mental Health and Well-being*

15:30 – Plenary – Gerard Steen - *When is metaphor a cognitive tool in action?*

16:30 – Coffee break

17:00/18:30 - Parallel sessions

29-7	29-8	29-9	29-10	12d
K. Kukkonen - <i>Stacked Ecologies on the Beach</i>	H.Y. Wong <i>Can consciousness be disembodied? The case of AI</i>	S. Pani - <i>Imagining the question: the epistemic role of non-linguistic inquisitiveness</i>	L. Brunet - <i>Cognitive semiotics applied to psychedelics heterogeneous uses and interpretations.</i>	B. Nebesio - <i>What Makes Cinema Poetic?: A Cognitive Study</i>
T. Eder - <i>Ideomotor theory, predictive processing and literature: Reading Franz Kafka</i>	L. De Stefano <i>What AI Still Can't Do: Rethinking Artificial Cognition Through Embodied and Enactive Paradigms</i>	H. Tan - <i>A "Push" by any other name: Translanguaging Chekhov's Psychological Gesture</i>	D. Monasterio Lopez, J. Oyarzo Alvarado - <i>Thinking through metaphors: Abduction, Analogy, and the Epistemology of Psychedelic Experiences</i>	M. Quadrato - <i>Enframing Reality: The blurring line of image and reality in drone operations</i>
F. Ferrara - <i>Visualizing the Imaginary of the Strait of Messina: Cognitive Processes and Symbolic Aspects in the Novel <i>Horcynus Orca</i></i>	K. Orban - <i>Comparative approaches to AI consciousness/self- consciousness</i>	S. Fontana - <i>Embodied Simulation in Sign Language Poetry: a cognitive approach to meaning making in LIS and Visual Vernacular</i>	J. Levesque - <i>Visual Viewpoint in Representations of Psychosis</i>	P. Piccirillo - <i>Cognitive scaffolding and artistic creation. Interfacing material enaction and digital generativity</i>

20:30 SOCIAL DINNER – Restaurant “La Durlindana”

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30 MAY DICAM

May 30 – DICAM

9:30 – Plenary: Marianna Bolognesi,

Language-mediated abstraction as a cognitive tool: research methods, challenges, and opportunities

10:30 – Coffe break

11:00/13:00 Parallel sessions

30-1	30-2	30-3	30-4	30-5
E. Suoranta - <i>Affordances of “Algorithmic” Reading: What Hannu Rajaniemi’s Quantum Thief Trilogy Can Teach Us About Democracy</i>	M. Musilová - <i>Conductive Corporeal Tension. The ‘invisible’ quality of the actor</i>	F. Walker - <i>Art through the eyes of children: Enhancing children’s museum experience</i>	V. Kostka - Multimodality, Conceptual Blending and Image Schema in Music	G. Pennisi - Disembodied Faces: Aesthetics and Psychopathology of the Uncanny through Artaud’s Portraits
R. Gambino - <i>The Suspicious Reader: a Neurohermeneutical Approach to Literature</i>	M. Adamova - <i>Body as a Vehicle: Performers Body as a Mosaic of Idea Representations</i>	S. Dowswell - <i>You Are Here: Locating the Present in Eleanor Catton’s Birnam Wood</i>	B. Genco - Clanghenology: Introduction, Proposals, Perspectives.	M. Calbi - The Material Agency of Face Masks: Face Masks and Facial Expressions: Shifting from the Gaze of the Onlooker to the Wearer’s Experience
R. Zavoianu Petrovici - <i>Affordances in action – from intertextuality to aesthetic distance</i>	S. Havlíčková Kysová - <i>Restoring VERTICALITY. Image Schemas as a Tool for Analysis of Contemporary Productions of Baroque Opera</i>	L. Mojica - <i>The concrete life or artifacts: Enactive environments beyond immediate action</i>	S. Allegra - (De)scribed performances: a techno-aesthetic approach to musical notation	S. Sartori – M. Calbi The Material Agency of Face Masks: Mediating Body Ownership and Sense of Agency
	R. Shaughnessy - <i>Cognitive economies of errors</i>		E. Danzi - Em-Body Music: Body Percussion as a Crossmodal Cognitive Tool	

13:00 – Lunch (Poster)

30 MAY DICAM

14:00 – Special Panel

John Sutton – *Cognitive tools, wayfinding, and place memory: artistic and technological tensions*

Michael Wheeler – *The Grid and the Groove: Process Narrativity and Situated Sense-Making*

15:00 – Plenary: Anna Ciaunica, *The Forgotten Body: The Co-Embodied Origins of the Human Mind*

16:00 – Closure

17:00 – Cocktail on the beach – Lido Horcynus Orca