



# 8th MIC Conference 2024



Surfing on Creative Waves!

## FULL PROGRAM

---

**Santa Margherita di Pula, Sardinia  
(Italy)**

**September 15 - 18, 2024**

---

# Welcome to the MIC Conference 2024!

## *Surfing on Creative Waves*

Dear Friends,

Yes, I have to confess that it doesn't take much creativity this year to literally give you a *warm* welcome: we are in Sardinia! Physically or virtually, we'll pretend it doesn't make a difference...

The evolution of our civilization did not proceed linearly, but in waves: those powerful transformations that followed as an unstoppable consequence the onset of an original and effective idea with great potential. Stone tools, control of fire, the wheel, proto-music and proto-language, agriculture, writing... one after the other, these creative waves were all fundamental drivers to produce the reality as we know it, as well as the ever growing cone of alternative possibilities in our foreseeable futures.

As you are joining MIC Conference 2024, we are truly looking forward to listening to your talks, feeling your emotions, picturing your visions as you are riding your own creative wave, only to find out that we are all in the same sea!

Please page through this 2024 program: we hope you'll appreciate its richness, inclusivity, and diversity, by featuring renowned keynote speakers, an extended speech by the beach, scientific sessions, thematic symposia, poster sessions, lots of room for discussion, a rich social program, millions of stars at night, and salty cool breezes in the morning.

In line with what is becoming a traditional recurrence, we are hosting the Third General Assembly of ISSCI, the International Society for the Study of Creativity and Innovation, on September 17. It's another chance to reinforce our network, with consolidated friendships and very welcome new additions every year!

We now want to express our gratitude towards organizing institutions and sponsors who have generously collaborated for this event. The organizers Marconi Institute for Creativity, University of Bologna, University of Trieste, and Fondazione Guglielmo Marconi, the supporting society ISSCI, the sponsors Asmodee and Journal of Intelligence (MPDI), as well as the Italian Ministry of University and Research (MUR). You have all played instrumental roles in making this conference a reality, and we feel very thankful.

Last, and definitely it will last forever, our gratitude towards you, the conference participants, whether in person or online. Looking back, if the MIC Conference 2024 will bring good memories, it will only be thanks to your being a part of it!

But wait! Can you feel the next wave? It's coming...

*Giovanni Emanuele Corazza*  
MIC Conference 2024  
General Chair



**Venue: Hotel Flamingo Resort. Via Flumendosa 09010, Santa Margherita, Cagliari, Sardinia**

All conference times are CEST (Central European Summer Time)

Session identification taxonomy: stream-day-number

Streams are named after conference rooms: Nautilus, Astrea, Alvania

All plenary Keynote speech will be released in room “Nautilus”

Days are: Sun (Sep 15), Mon (Sep 16), Tue (Sep 17) and Wed (Sep 18)

## Sunday, September 15, 2024

14.15	<i>Online connection check-in</i>
14.20	<b>MIC Conference 2024 pre-opening</b> <b>Giovanni Emanuele Corazza</b> ( <i>University of Bologna and MIC Founder</i> ), and <b>Sergio Agnoli</b> ( <i>University of Trieste</i> )
14.30 – 16.00	<b>Workshop 1 – Generative AI tools</b> Janet Rafner & Jacob Sherson, Aarhus University
16.30 – 18.00	<b>Workshop 2 – Tinkering with light</b> Stefano Rini, University of Bologna
19.00	<b>Welcome cocktail</b>

# Monday, September 16, 2024

8.50	Online connection check-in		
9.00	<b>MIC Conference 2024 opening</b> <b>Giovanni Emanuele Corazza</b> ( <i>University of Bologna and MIC Founder</i> ), <b>Todd Lubart</b> ( <i>President of ISSCI</i> ), <b>Sergio Agnoli</b> ( <i>University of Trieste</i> )		
9.25	<b>MIC Keynote Speech - 1</b> <b>Roni Reiter Palmon</b> <i>Creative Cognition: What Happens Before Idea Generation</i>		
10.05	Room switching		
10.10	<b>Session Nautilus -Mon-1</b>  <b>Individual differences – I</b>  <i>Chair: Roger Beaty</i>  What drives creative self-concept judgements? <b>Mathias Benedek</b> & I. <i>Lebuda</i> <i>University of Graz</i> ----- How We Use Creative Activities to Regulate Our Emotions <b>Kaile Smith, J.C. Kaufman, J. E. Drake</b> <i>The Graduate Center, City University of New York</i> ----- Subjectivity in Creative Self Beliefs: A Q-sort Analysis <b>Jeb S. Puryear</b> & K. N. Lamb <i>University of Montana</i> ----- Ambiguity tolerance and creative self-regulation <b>Katya Stoycheva</b> <i>Institute for Population and Human Studies at the Bulgarian Academy of Sciences</i>	<b>Session Astrea-Mon-1</b>  <b>Neuroscience – I</b>  <i>Chair: Sergio Agnoli</i>  How does stress shape creativity? Multiple Evidence from Neurophysiology <b>Haijun Duan, Y. Wang, J. Zhang, W. Duan</b> <i>Shaanxi Normal University</i> ----- The impact of knowledge structure on scientific creativity and its cognitive neural mechanisms <b>Weiping Hu, Y. Li &amp; Xinyi, Li</b> <i>Key Laboratory of Modern Teaching Technology (Ministry of Education), Shaanxi Normal University, Xi' an, China</i> ----- Ecological momentary assessment of creative ideation: Investigating the association between physical activity and creative ideation	<b>Session Alvania- Mon-1</b>  <b>Domains of Creative Work – I</b>  <i>Chair: Angela Faiella</i>  Perceptions of ideas across domains of creative work <b>Peter Dalsgaard, E. Rosselli Del Turco &amp; A. Inie</b> <i>Centre for Digital Creativity, Aarhus University</i> ----- Bruce Springsteen's Music: His Women Fans Speak Out on the Deep Significance of Creative Works <b>Lorraine Mangione &amp; D. Luff</b> <i>Antioch University New England Keene, New Hampshire</i> ----- Rethinking high creative potential in terms of strength and fragility: The case studies of Mozart and Michael Jackson <b>Sylvie Tordjman</b> <i>University of Rennes</i>

		<p>performance via physiologically informed prompts</p> <p><b>Christian Rominger,</b> Fink A., Benedek M., Weber B., Perchtold-Stefan C. M. &amp; Schwerdtfeger A.R. University of Graz</p>	<p>-----</p> <p>The predictor role of presence on divergent thinking in virtual environments with different levels of content richness</p> <p><b>Jiayin Liu,</b> M. Mercier; T. Lubart; J. Burkhardt; S. Bougrine-Bourgeois LaPEA, Université Paris Cité and University Gustave Eiffel</p>
11.10	Break		
11.30	<p><b>Session Nautilus -Mon-2</b></p> <p style="text-align: center;"><b>Education – I</b></p> <p><b>Chair: Felipe Zamana</b></p> <p>Outcomes of a 3-year, project to foster learners’ creativity in 15 schools</p> <p><b>Paul T. Sowden, F. Warren, M. Seymour, C. Martin, E. Spencer &amp; S. Mansfield</b> University of Winchester, UK</p> <p>-----</p> <p>Disrupting and exploiting creative constraints</p> <p><b>Bem Le Hunte &amp; Gabrielle Benefield</b> University of Technology Sydney</p> <p>-----</p> <p>Teaching for creativity: Impact on pupils with special educational needs and disability, or disadvantage</p> <p><b>Frances Warren, P. T. Sowden, M. Seymour; E. Spencer, C. Martin, S. Mansfield</b> University of Winchester</p> <p>-----</p>	<p><b>Session Astrea-Mon-2</b></p> <p style="text-align: center;"><b>Methodology – I</b></p> <p><b>Chair: M. Karwowski</b></p> <p>Researcher-As-Obstacle Framework: a Methodology for the Study of Creativity While it Happens</p> <p><b>Raphaël Julliard, D. Roy &amp; M. Botella</b> Laboratoire d'Anthropologie Sociale, CNRS/ Collège de France/EHESS/EPHE</p> <p>-----</p> <p>Playfulness priming: an online intervention study investigating the effects of trait playfulness on creative performance</p> <p><b>Sarah O'Meara, K. Smith &amp; J. Bhattacharya</b> Goldsmiths, University London</p> <p>-----</p> <p>A Mixed-Methods Approach to Mapping the Multifaceted Nature</p>	<p><b>Session Alvania- Mon-2</b></p> <p style="text-align: center;"><b>Evolutionary Perspectives – I</b></p> <p><b>Chair: G. E. Corazza</b></p> <p>Adaptation: Our most creative human capacity</p> <p><b>Sara Jacobovici</b> Creative Arts Therapies Services</p> <p>-----</p> <p>Exploring Creativity through Form: An Interdisciplinary and Multi-Layered Framework for Creativity</p> <p><b>Jeffrey Pawlick</b> Pontifical University of the Holy Cross, Rome, Italy</p> <p>-----</p> <p>SensEco- Fostering Creativity through Perspectives of Non-Human Species</p> <p><b>Luca Hilbrich, P. Steigerwald, T. Strauch, H. McKee, L. Li, J. von Thienen, J.B Labrune, H. Ishii &amp; B. Arnrich</b></p>

	<p>Navigating Creativity Shifts: Mapping the transformation of frameworks as creative tools to educational provocations. <b>Ana Jorge Artigau, Teresa Bosch, Ignacio Trossero &amp; Florencia Aguilar</b> <i>Austral University</i></p>	<p>of Inspiration in Daily Life <b>Kaile Smith, J.C. Kaufman, J. E. Drake</b> <i>The Graduate Center, City University of New York</i></p> <p>-----</p> <p>Schaeffer's Charades: Measuring Creative Performance in the Visual and Auditory Domain <b>Philipp Steigerwald, L. Hilbrich, T. Strauch, C. Meinel, J. vonThienen</b> <i>Hasso Plattner Institute, University of Potsdam, Germany</i></p>	<p><i>Hasso Plattner Institute, University of Potsdam, Germany</i></p> <p>-----</p> <p>Creative Wellness: Healing and Thriving through Making and Doing <b>Edward Clapp</b> <i>Project Zero, Harvard University</i></p>
12.30	<i>Lunch</i>		
13.30	<b>MIC Keynote Speech - 2</b> <b>Roger Beaty</b> <i>Using AI to Assess and Enhance Human Creativity</i>		
14.10	<b>Room switching</b>		
14.15	<p><b>Session Nautilus- Mon-3</b></p> <p style="text-align: center;"><b>Organizations – I</b></p> <p><b>Chair: R. Reiter Palmon</b></p> <p>The socio-technical impact of artificial intelligence on individual and team creativity <b>Guy Parmentier</b> <i>University of Grenoble Alpes/CERAG</i></p> <p>-----</p> <p>Creative Process Preferences Across Jobs and Organizational Function <b>Gerard Puccio &amp; S. Jabani</b> <i>Center for Applied Imagination, Buffalo State University</i></p>	<p><b>Session Astrea- Mon-3</b></p> <p style="text-align: center;"><b>Creative Process – I</b></p> <p><b>Chair: E. Volle</b></p> <p>Effects of brief mindfulness training on creative problem-solving <b>Minh-Thi Nguyen &amp; H. Kojima</b> <i>Graduate School of Frontier Science Initiative, Kanazawa University</i></p> <p>-----</p> <p>Sparking Creativity: Encouraging Creative Idea Generation through Automatically Generated Word Recommendations <b>Yoed Kenett &amp; Talia Wise</b></p>	<p><b>Session Alvania- Mon-3</b></p> <p style="text-align: center;"><b>Future Studies – I</b></p> <p><b>Chair: Jeb S. Puryear</b></p> <p>The deep links between creativity and foresight, yet to be explored <b>Rocco Scolozzi &amp; Elena Petrucci</b> <i>Skopia Anticipation Services S.r.l.</i></p> <p>-----</p> <p>Navigating the Space-Time Continuum of learning. The tinkering way to looseness <b>Stefano Rini &amp; Giovanni Emanuele Corazza</b> <i>University of Bologna, DEI – Marconi Institute for Creativity</i></p>

	<p>-----  More than Brainstorming:  Nurturing long-term  Creativity in  Interdisciplinary Tech  Teams  <b>Jasmin Antonia Riebel</b>  <i>University of Applied Sciences,  Mainz, Germany</i>  -----  Board games for group  creativity: an experimental  study  <i>Maxence Mercier, S. Bourgeois  &amp; T. Lubart</i>  <i>LaPEA, Université Paris Cité  and University Gustave Eiffel</i></p>	<p><i>Technion - Israel Institute of  Technology</i>  -----  Taming the Creative  Action: The Effects of  Self-Regulatory Daily  Diary Intervention on  Creative Performance  and Beyond  <b>Aleksandra Zielińska,</b>  <i>I. Lebuda, M. Czerwinka  &amp; M. Karwowski</i>  <i>University of Wrocław</i>  -----  Mixed methods to  enhance the creativity of  elderly people and their  caregivers  <b>Agnès Lellouche-  Gounon, Girandola, F.,  &amp; Bonnardel, N.</b>  <i>Aix-Marseille Université  (AMU)</i></p>	<p>-----  Surfing the Future  Through Creative  Problem Solving  <b>Connie Phelps</b>  <i>Emporia State University</i></p>
<p>15.15</p>	<p><b>Poster Session Nautilus -  Mon-4</b></p> <p><b>Education – II</b></p> <p><b>Chair: Todd Lubart</b></p> <p>How creative am I?  Assessing creative mindset  and self-efficacy in 6th to  8th grade students  <b>Gerardo Pellegrino,</b>  <i>A. Antonietti, C. Cornoldi, T.  Feraco, C. Meneghetti &amp; B.  Carretti</i>  <i>Università degli Studi di  Padova</i>  -----  Creativity in Foreign  Language Learning: an  improvisation-based  approach to Italian as a  Foreign Language  <b>Irene Bonini, P. Sowden, C.  Esser-Miles</b></p>	<p><b>Poster Session Astrea -  Mon-4</b></p> <p><b>New Technologies – I</b></p> <p><b>Chair: A. Kharkhurin</b></p> <p>Creativity and  Generative Artificial  Intelligence: a  Theoretical Preliminary  Study  <b>Katusha Gerardini,</b>  <i>A. Chirico, A. Pozzani, A.  Ferrari, A. Gaggioli</i>  <i>Department of Psychology,  Università Cattolica del  Sacro Cuore, Milan, Italy</i>  -----  Creative Future  Scenarios of Work-  related Risks in the  Digital World  <b>Ilaria Rinaldi, I. Coletto,  &amp; G.E. Corazza</b></p>	<p><b>Poster Session Alvania -  Mon-4</b></p> <p><b>Domains of Creative  Work – II</b></p> <p><b>Chair: Sergio Agnoli</b></p> <p>Domain-generalization of  valuation in creative  ideation  <b>Gino Battistello, S.  Moreno-Rodriguez, E. Volle  &amp; A. Lopez-Persem</b>  <i>FrontLab (Team LEVY),  Paris Brain Institute,  INSERM, CNRS, AP-  HP, Sorbonne University,  Paris, France</i>  -----  Creativity-Empathy  Expert Elicitation Study  <b>Dominik Golab &amp; B.  Barbot</b></p>

	<p><i>University of Winchester</i> ----- Predictors of creative climate in enrichment activities for gifted students <b>Mojca Juriševič, U. Žerak</b> &amp; N. Podlogar <i>University of Ljubljana Faculty of Education</i> ----- Creative potential and achievement in academic professionals: A systematic mini-review <b>Lorenzo Campidelli,</b> G.E. Corazza, T. Lubart, M. Mangion, S. Agnoli <i>Department of Life Sciences, University of Trieste</i></p>	<p><i>University of Bologna</i> ----- The features of a gamified space fostering creativity: a Systematic Literature Review <b>Marion Joubert, G. Parmentier</b> &amp; F. Jeannot <i>Univ. Grenoble Alpes, Grenoble INP, CERAG</i> ----- Reeling in Stories: An Investigation of Creative Behaviors and Creativity-Support on Instagram <b>Simon M. Ceh</b> &amp; M. Benedek <i>University of Graz</i></p>	<p><i>University of Louvain, Belgium</i> ----- How does comparing (dis)similar objects affect young children's creative idea generation? Exploring the role of diversity in facilitating creativity <b>Chanhee Koo, H. Bai, S. Christie</b> <i>Department of Psychology, Tsinghua University</i> ----- Willing to Pay More for Less? Analyzing Attitudes toward a Minimalist Aesthetic <b>Sarah Rezaei, H. Mahadeshwar</b> &amp; Hansika Kapoor <i>Monk Prayogshala</i></p>
16.15	<i>Break</i>		
16.35	<p><b>Session Nautilus- Mon-5</b>  <b>Symposium - I</b>  <b>Title:</b> Creative Ecosystem Fit as a Basic Unit of Analysis <b>Chair: Michael Hanchett Hanson</b> ----- Creative Ecosystem Fit as a Basic Unit of Analysis <b>Michael Hanchett Hanson</b> <i>Teachers College, Columbia University</i> ----- Strange Ducks and the Girls of the Crescent: Two Stories of Creative Ecosystems in Action <b>Edward P. Clapp</b></p>	<p><b>Session Astrea- Mon-5</b>  <b>Education – III</b>  <b>Chair: Ilaria Rinaldi</b>  Development of Gifted Classes Observation Metric Assessment Rubric for Improving the Gifted Teacher's Competency <b>Jin-kyung Yoon, H.j Yang, S.J. Park</b> &amp; J.H. Lee <i>Soongsil University, Seoul, Republic of Korea</i> ----- The Role of Asking Complex Questions in Open- and Closed-Ended Problem-Solving</p>	<p><b>Session Alvania- Mon-5</b>  <b>Creativity &amp; Innovation - I</b>  <b>Chair: M. Mangion</b>  Strategizing Surprise: Exploring the Complexity of Surprise in Creative Design Processes <b>Michael Mose Biskjaer</b> &amp; A. de Rooij <i>Aarhus University, Denmark</i> ----- Synced Minds, Sustainable Designs: Exploring Empathy through Motion for More-Than-Human Innovation <b>Holly McKee, L. Li, J.B. Labrune, T. Strauch, P. Steigewald, L. Hilbrich, H.</b></p>



	<p><i>Project Zero, Harvard University</i></p> <p>-----</p> <p>The future isn't what it used to be: A systemic perspective to knowledge-building</p> <p><b>Felipe Zamana</b> <i>Université de Paris-Cité</i></p>	<p><b>Tuval Raz</b>, R. Reiter-Palmon, Y. N. Kenett <i>Faculty of Data and Decision Sciences, Technion - Israel Institute of Technology</i></p> <p>-----</p> <p>Addressing the learning needs of the creatively gifted pandemic learner</p> <p><b>Joyce Miller &amp; S. Robinson</b> <i>Texas A&amp;M University-Commerce</i></p> <p>-----</p> <p>Saving Our Creatively Gifted Girls Through Avenues of Literacy</p> <p><b>Shaunise Robinson &amp; J. Miller</b> <i>Poised for Success</i></p>	<p><i>Ishii, B. Arnrich, J. von Thienen</i> <i>Hasso-Plattner-Institute, University of Potsdam</i></p> <p>-----</p> <p>Ideation techniques focused on ideas or constraints: Their impact on novices' creativity in a collective setting</p> <p><b>Nathalie Bonnardel, P. Saucedo, &amp; N. Pichot</b> <i>Aix-Marseille Université PSYCLE &amp; InCLAM</i></p> <p>-----</p> <p>A cognitive-linguistic investigation of the concept and skill of innovation</p> <p><b>Lourenço M. Amador</b> <i>University of Melbourne</i></p>
17.35	<b>Room switching</b>		
17.40	<b>MIC Keynote Speech - 3</b> <b>Todd Lubart</b> <i>Surf's up: Riding the waves of the 7 Cs</i>		
18.20	<i>End of Monday</i>		

## Tuesday, September 17, 2024

8.50	<i>Online connection check-in</i>		
9.00	<b>MIC Keynote Speech - 4</b> <b>Emmanuelle Volle</b> <i>Finding Creative Ideas: A Neurocognitive Journey from Memory to Decision</i>		
9.40	<b>Room switching</b>		
	<b>Session Nautilus- Tue-1</b>  <b>AI &amp; Creativity – I</b>  <i>Chair: Kirill Miroshnik</i>  Me, myself, and AI: The Role of Creative Self-Beliefs in Creative Activity and Achievement within AI-Augmented Contexts <i>Angela Faiella &amp; A. Zielińska, M. Karwowski, G. E. Corazza</i> <i>University of Bologna</i> ----- Agentic Perspective on Human-AI Collaboration for Image Generation and Creative Writing: Insights from Think-Aloud. Protocols <i>Izabela Lebuda, J. Rafner, S. Ceh, B. Zana, I. Pederson, J. Sherson, &amp; M. Benedek</i> <i>University of Wrocław</i> ----- Creativity in digitally mediated times: How digital tools support creativity across domains <i>Simon Ceh, J. Rafner &amp; M. Benedek</i> <i>University of Graz</i>	<b>Session Astrea- Tue-1</b>  <b>Neuroscience – II</b>  <i>Chair: M. Benedek</i>  Do people prefer thinking inside or outside the box? Studying creative choices reveals a bias against originality <b>Sarah Moreno-Rodriguez, A. Lopez-Persem &amp; E. Volle</b> <i>Paris Brain Institute</i> ----- Brain structural and functional correlates of the generation of combination of remote semantic associates in frontotemporal dementia <b>Victor Altmayer, T. Bieth, M. Ovando-Tellez, B. Batrancourt, R. Levy, E. Volle</b> <i>Sorbonne University</i> ----- The differences and similarities of the neural mechanisms underlying the effect of semantic network structure on scientific and artistic creativity	<b>Session Alvania- Tue-1</b>  <b>Socio-cultural aspects – I</b>  <i>Chair: L. Baldacchino</i>  Can Creating Misinformation Counter its Spread? <b>Hansika Kapoor, S. Rezaei &amp; H. Mahadeshwar</b> <i>Monk Prayogshala</i> ----- How do parents' attitudes toward creative education affect children's creative selves? Cross-sectional and longitudinal surveys of Japanese parents and children <b>Chiaki Ishiguro, K. Matsumoto, T. Agata &amp; T. Okada</b> <i>University of the Sacred Heart</i> ----- Is My Creativity Like Your Creativity? Data-driven Discovery of Cultural Differences in Creative Performance Scores <b>Kim-Pascal Borchart, C. Jaschek, C. Meinel &amp; J. von Thienen</b> <i>Hasso Plattner Institute, University of Potsdam</i>
9.45			

		<i>Yangping Li, Y. Zhang, S. Xiang, Q. Chen, R.E. Beaty, Y. Kenett, W. Hu</i> <i>Xi'an Jiaotong University</i>	
10.45	Break		
11.05	<p><b>Session Nautilus- Tue- 2</b></p> <p><b>Symposium - II</b></p> <p><b>Title:</b> Assessing and developing creative potential in the classrooms Three cultural perspectives Chair: <b><i>Solange Muglia Wechsler</i></b></p> <p>-----</p> <p>Assessing children’s creativity: Examining the influence of online versus group administration tests <b><i>Solange Muglia Wechsler</i></b> <i>Pontifical Catholic University of Campinas-Sao Paulo-Brazil</i></p> <p>-----</p> <p>Cultivating high creative potential <b><i>Cyrilee Feybesse</i></b> <i>Centre hospitalier Guillaume Regnier, University of Rennes</i></p> <p>-----</p> <p>How do students and teachers creatively engage within the classroom? Componential Profiles in Education <b><i>Felipe Zamana</i></b> <i>Université de Paris-Cité</i></p>	<p><b>Session Astrea- Tue-2</b></p> <p><b>Symposium - III</b></p> <p><b>Title:</b> Growing from Mistakes through Creative thinking, Growth Mindset theory, Cognitive Functioning &amp; Mediation Chair: <b><i>Efrat Bengio</i></b></p> <p>-----</p> <p>Growing from Mistakes through Creative thinking <b><i>Adva Margaliot</i></b> <i>Achva Academic College, Israel</i></p> <p>-----</p> <p>Growing from Mistakes through Growth Mindset theory <b><i>Ksenija Benakovic</i></b> <i>Wind in your back gifted center, Croatia</i></p> <p>-----</p> <p>Growing from Mistakes - Analyzing Cognitive Functioning &amp; using Mediation <b><i>Efrat Bengio</i></b> <i>Beit Berl Academic College, Israel</i></p>	<p><b>Session Alvania -Tue-2</b></p> <p><b>Symposium - IV</b></p> <p><b>Title:</b> Re-Imagining Creativity: Symposium on Sustainable Design and Environmental Impact Chair: <b><i>Jean-Baptiste Labrune</i></b></p> <p>-----</p> <p>La Pistona Observatory: Unraveling Copyright in Nature with Non-Human Stakeholders <b><i>Sveva Antonini</i></b> <i>La pistona Osservatorio sulla creatività in natura, Italy</i></p> <p>-----</p> <p>AI-Enhanced Co-Creativity: Introducing 'Nature's Voice' during Creative Teamwork in Sustainable Design Hubs <b><i>Julia von Thienen</i></b> <i>Sonic Thinking, Hasso Plattner Institute, University of Potsdam</i></p>
12.05	<p><b>Poster Session Nautilus – Tue-3</b></p> <p><b>Creative Cognition – I</b></p> <p><b>Chair: <i>C. Rominger</i></b></p>	<p><b>Poster Session Astrea – Tue-3</b></p> <p><b>AI &amp; Creativity – II</b></p> <p><b>Chair: <i>Izabela Lebuda</i></b></p>	<p><b>Poster Session Alvania– Tue-3</b></p> <p><b>Individual differences</b></p> <p><b>Chair: <i>Paul Sowden</i></b></p>



<p>Exploring scientific creativity and STEM attitudes via complex networks - The Forma Mentis and Woseco tasks <b>Edith Haim</b>, L. Ciringione, C. Lai, R.E. Beaty, M. Stella <i>CogNosco Lab, Department of Psychology and Cognitive Science, University of Trento, Italy</i></p> <p>-----</p> <p>Investigating the relationship between hyperfocus and creativity in adults with and without ADHD <b>Marina Bazhydai</b>, Daphne Barker, Charlotte Rothwell <i>Lancaster University</i></p> <p>-----</p> <p>Dynamics of semantic memory search underlying creative ideation <b>Lucie Vigreux</b>, V. Altmayer, M. Ovando-Tellez, E. Volle <i>Sorbonne University, FrontLab at Paris Brain Institute (ICM), INSERM, CNRS, Paris, France</i></p> <p>-----</p> <p>Laughing Across the Bridge: The Role of the Associative Gap in Humor Appreciation <b>Maya Pery</b> &amp; Yoed N. Kenett <i>Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology</i></p>	<p>Exploring the Frontier of Imagination: Alternative Uses and the Creative Dynamics of Generative AI <b>Giulia Maria Vavassori</b> &amp; <b>G.E. Corazza</b> <i>University of Bologna, DEI – Marconi Institute for creativity</i></p> <p>-----</p> <p>APA-CEP: A Novel Approach to Augmenting Human Creativity sans Human Intervention <b>Ariel Kreisberg Nitzav</b> &amp; <b>Y.N. Kenett</b> <i>Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology</i></p> <p>-----</p> <p>Unveiling the Semantic Overlaps in Willpower Constructs: An AI-Driven Approach to Refining Psychological Frameworks <b>Yitian Long</b>, Z. Huang &amp; S.Tong <i>Shenzhen X-institute</i></p> <p>-----</p> <p>Examining vector computation as a potential working mechanism of Large Language Models in generating emotional metaphors: An explorative study <b>Anna Mao</b>, K. Mao, H. Bai, C.T. Wu, K. Peng &amp; S. Tong <i>Department of Psychology, Tsinghua University</i></p>	<p>Are Anxious Thoughts More Original? Effects of Trait Anxiety on Counterfactual Divergent Thinking <b>Sarah Rezaei</b>, H. Kapoor, H. Mahadeshwar &amp; J. Kaufman <i>Monk Prayogshala</i></p> <p>-----</p> <p>How does authenticity link to general, malevolent, and benevolent creativity: Association patterns and psychological mechanisms <b>Xiaobo Xu</b>, M. Xia, &amp; W. Pang <i>Department of Psychology, Shanghai Normal University</i></p> <p>-----</p> <p>Building Narratives Through Empathy: The Role of Empathy Mechanisms and Associative Thinking in Creative Writing <b>Dominik Golab</b> &amp; B. Barbot <i>University of Louvain, Belgium</i></p> <p>-----</p> <p>Is music training linked to self-regulation and other creative achievements and what is the role of family in these relationships? An update since MIC 2023 <b>Theano Eirini Kakaziani</b>, A. de Rooij, &amp; H. van Bakel <i>Tilburg University</i></p> <p>-----</p> <p>Predicting Creative Achievement From Creative Problem Solving and Divergent Thinking</p>
---	--	---

			<b>Beatrice Ruiz</b> <i>Baylor University</i>
13.00	<i>Lunch</i>		
14.00	<b>ISSCI General Assembly</b>		
15.50	<b>Room switching</b>		
16.00	<p><b>Session Nautilus- Tue-4</b></p> <p style="text-align: center;"><b>Symposium - V</b></p> <p><b>Title:</b> Navigating Creativity: Exploring the Role of Metacognition <b>Chair:</b> <b>Honghong Bai</b> ----- Relationship between metacognition, self-efficacy and creativity in successful problem-solving <b>Kamila Urban</b> <i>Institute for Research in Social Communication, Slovak Academy of Sciences, Slovakia</i> ----- Delving into Self-Assessment Accuracy in Creativity <b>Mare van Hooijdonk</b> <i>Radboud University Nijmegen, Netherlands</i> ----- Does the Tendency to Discern Ideas Accurately Increase Over Time? Exploring the Dynamics of Metacognitive Monitoring at Response Level <b>Marta Czerwonka</b> <i>Institute of Psychology, University of Wroclaw, Poland</i> ----- The Role of Metacognitive Monitoring and Regulation in Creative Problem-</p>	<p><b>Session Astrea- Tue-4</b></p> <p style="text-align: center;"><b>Education – IV</b></p> <p><b>Chair:</b> <b>M.-Paz Celume</b> ----- Enhancing Undergraduate Learning Through Howard Gruber's Case Study Approach <b>Ana Jorge Artigau &amp; F. Aguilar</b> <i>Austral University</i> ----- Development of H-CAM as a teaching model for creativity enhancement and the effectiveness of the H-CAM based program <b>Heera Bae, J Jun, K. Lew, &amp; K.H. Lee</b> <i>Soongsil University</i> ----- Riding the Wave of Creative Behaviors in Schools: Frank E. Williams and Educational Engineering <b>Connie Phelps &amp; J. Miller</b> <i>Emporia State University</i></p>	<p><b>Session Alvania- Tue-4</b></p> <p style="text-align: center;"><b>Health &amp; Wellness – I</b></p> <p><b>Chair:</b> <b>Cecilia Segatta</b> ----- The Interplay between Critical Thinking Disposition, Mindfulness Disposition, and Creative Self-Concept among Allied Health Professionals <b>Margaret Mangion &amp; Leonie Baldacchino</b> <i>The Edward de Bono Institute for Creative Thinking and Innovation, University of Malta, Msida, Malta</i> ----- Emergence modes and therapeutic issues of the creative process in psychodrama with schizophrenic patients <b>Victoria Caillet</b> <i>Aix-Marseille University (AMU), Aix-Marseille Université</i> ----- An Investigation of Divergent Thinking Among Surgeons and Surgeon Trainees in Canada (IDEAS): A Mixed-Methods Study <b>Alex Thabane, T. McKechnie, V. Arora, G.</b></p>



	<p>Solving with Assistance of Generative AI  <b>Marek Urban</b>  <i>Institute of Psychology, The Czech Academy of Sciences, Prague</i></p>		<p><i>Calic, J. W. Busse, R. Sonnadara, M. Bhandari</i>  <i>McMaster University</i>          -----          Idea management among clinical psychologists and therapists  <b>Mihaela Taranu, E. Rosselli Del Turco, P. Dalsgaard</b>  <i>School of Communication and Culture, Department of Digital Design, and Information Studies, Aarhus, Denmark</i></p>
17.00	<i>Break</i>		
17.30	<b>Extended Speech by the beach</b> <b>Anatoliy Kharkhurin</b> <i>"Speaking the Languages of Sea and Land: Bilingualism and Creativity"</i>		
18.10	<i>End of Tuesday</i>		
20.00	<i>Social dinner @ Hotel Flamingo</i>		



# Wednesday, September 18, 2024

8.50	Online connection check-in		
9.00	<b>MIC Keynote Speech - 5</b> <b>Macarena-Paz Celume</b> <i>Navigating the Emotional Oceans of Creative Thinking</i>		
9.40	Room switching		
	<b>Session Nautilus-Wed-1</b>  <b>Individual differences – III</b>  <b>Chair: Evelyn Kroesbergen</b>  IDHOL, a holistic model for the analysis of individual differences in the creative process <b>Sergio Agnoli</b> <i>Department of Life Sciences, University of Trieste; Marconi Institute for Creativity</i> ----- <b>9.45</b> Do Fans of Violent Stories Show a Higher Potential for Creative Harm? Investigating True Crime as a Stimulating Environment for Malevolent Creativity <b>Corinna Perchtold-Stefan,</b> <i>K. Sattler, S. Veit, C. Rominger &amp; A. Fink</i> <i>University of Graz</i> ----- Gender Conditions in Creativity <b>Manuela Romo &amp; Marina Porto</b> <i>Universidad Autónoma de Madrid</i>	<b>Session Astrea- Wed-1</b>  <b>AI &amp; Creativity – III</b>  <b>Chair: Min Tang</b>  Large Language Models (LLMs) as an Intervention for Creative Writing <b>Tim Sptisberg &amp; T. Kettler</b> <i>Baylor University</i> ----- How creative are GPT-3.5 and GPT-4 in comparison to Cambridge and Oxford students? <b>Luning Sun, Y. Yuan, L. Jiang, X. Xie, F. Luo</b> <i>University of Cambridge</i> ----- Human-Human, Human-Internet or Human-AI: Which collaboration is the most promising for creativity? An experimental study <b>Min Tang, S. Hofreiter, C. H. Werner, A. Zielińska, M. Karwowski</b> <i>The University Institute of Schaffhausen, Switzerland</i> ----- Explore human-LLMs collaboration for	<b>Session Alvania- Wed-1</b>  <b>Domains of Creative Work – III</b>  <b>Chair: G. E. Corazza</b>  Riding the Writing Wave <b>Margaret McVeigh</b> <i>Griffith University</i> ----- On the Involute Structure of Creative Waves and How to Circle Them Up. A Call to Action <b>Nicole Derikx</b> <i>House of Art &amp; Agency</i> ----- Exploring the Emotional Palette of Musical Instruments - Novel Tools Trigger Artistic Innovation <b>Leonardo Auri, Henrik von Coler &amp; Christoph Meinel</b> <i>Technische Universität Berlin</i>

		creativity through the lens of concepts <i>Peng Cheng &amp; Honghong Bai</i> <i>Tsinghua University &amp; Radboud University</i>	
10.45	Break		
11.05	<p><b>Session Nautilus- Wed-3</b></p> <p><b>Education – V</b></p> <p><b>Chair: M. van Hooijdonk</b></p> <p>Investigating the links between curiosity, wonder, and creativity in school children <b>Marina Bazhydai, D. Karadag &amp; C. Armstrong</b> <i>Lancaster University</i></p> <p>-----</p> <p>Innovative problem solving in young children: How exploration, executive function, and divergent thinking matter? <b>Jiajun Guo, H. Bai, X. Long, X. Su, W. Pang</b> <i>East China Normal University</i></p> <p>-----</p> <p>How does fear of creativity influence math learning? A study on creativity anxiety in primary school students <b>Eleonora Doz, S. Agnoli, S. Pellizzoni &amp; M.c. Passolunghi</b> <i>University of Trieste, Department of Life Sciences</i></p> <p>-----</p> <p>Unraveling the interactive effects of Fear of Evaluation, Feedback Valence, and Feedback Hierarchy on Creative Performance in high school students</p>	<p><b>Session Astrea- Wed-3</b></p> <p><b>Creative process – II</b></p> <p><b>Chair: Stefano Rini</b></p> <p>Creative problem finding through Uh-oh moments - spreading activation in negative insight <b>Gillian Hill &amp; Kemp S.</b> <i>University of Buckingham</i></p> <p>-----</p> <p>The influence of stimuli modality on creative performance <b>Cecilia Segatta, W. Ross, P. Bernardis, L. Campidelli, G. E. Corazza, A. Faiella, S. Mastria, M. Zanon, S. Agnoli</b> <i>Department of Life Sciences, University of Trieste</i></p> <p>-----</p> <p>How does motivation of the artists shape reception of their work? <b>Kirill Miroshnik, M. Zheng, &amp; J. Kaufman</b> <i>Saint Petersburg State University</i></p> <p>-----</p> <p>Effects of 360° videos of virtual nature on creativity for organizations <b>Eleonora Diletta Sarcinella, K. Gerardini, V. Mancuso, A. Gaggioli, A. Chirico</b></p>	<p><b>Session Alvania - Wed-3</b></p> <p><b>Methodology – II</b></p> <p><b>Chair: Lorenzo Campidelli</b></p> <p>Be fluent and be creative: How instruction effect translates into creative agency <b>Lidia Wojtycka, A. Zielińska &amp; M. Karwowski</b> <i>University of Wrocław</i></p> <p>-----</p> <p>Testing verbal fluency and the Woseco task for capturing scientific creativity among Austrian teenagers via semantic networks <b>Edith Haim, M. Stella, C. Lai &amp; R. E. Beaty</b> <i>CogNosco Lab, Department of Psychology and Cognitive Science, University of Trento, Italy</i></p> <p>-----</p> <p>Developing a New Figural Remote Associations Test: A Pilot Study <b>David Preiss, V. Grau, C. Araya, D. Torres-Iribarra &amp; B. Carmona</b> <i>Pontificia Universidad Católica de Chile</i></p> <p>-----</p>



	<i>Xiaojing Gu, Y. Zou &amp; P. Shi</i> <i>Center for Educational Science and Technology, Beijing Normal University</i>	<i>Catholic University of the Sacred Heart</i>	Automatic Scoring of Creative Problem-Solving with Large Language Models: A Comparison of Originality and Quality Ratings <i>Simone Luchini, N. T. Maliakkal, P.V. DiStefano, J.D. Patterson, R. E. Beaty, &amp; R. Reiter-Palmon</i> <i>Penn State University</i>
12.05	<b>Room switching</b>		
12.10	<b>MIC Closing Keynote Speech – 6</b> <b>Giovanni Emanuele Corazza</b>		
12.45	<b><i>MIC Conference 2024 Awards Ceremony!</i></b>		
13.00	<i>Conference End</i>		



# 8th MIC Conference 2024

is

supported and sponsored by:



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI INGEGNERIA DELL'ENERGIA ELETTRICA  
E DELL'INFORMAZIONE "GUGLIELMO MARCONI"

