

9TH MIC CONFERENCE 2025 Founding creativity studies: Guilford's Speech on the Peak!

Bolzano, Italy 3-6 September 2025

FULL **PROGRAM**

Bolzano, Italy

September 3 - 6, 2025



Welcome to the MIC Conference 2025!

Greetings from the Conference Chair

Dear Participants,

Welcome to Bolzano for the 9th MIC Conference, running from September 3 to 6, 2025! We are happy and honored to continue our traditional organization of scientific events dedicated to creativity studies, hosting a community of colleagues, friends, and very welcome newcomers!

We are convening in 2025 in this stunning Alpine city, to mark a significant milestone in the field of creativity studies: the 75th anniversary of J. Paul Guilford's landmark 1950 speech, widely regarded as the founding moment of modern creativity studies. This year's theme, "Founding Creativity Studies: Guilford's Speech on the Peak!", invites us to reflect on Guilford's enduring legacy—and to build upon it with fresh insights and new discoveries.

As you climb to the steep heights of the 2025 MIC Conference, we will be eager to ascend alongside your presentations, to share in the peaks of your passion, to take in the vistas of your visionary insights—only to discover that, despite following individual creative tracks, we're all part of a vast, shared mountain range!

Please flip through this conference program as if navigating a winding alpine trail: you'll encounter sharp keynote peaks, rigorous scientific routes, themed ridges, poster alcoves, expansive discussion plateaus, vibrant social refuges, nights under a million stars, and the crisp, refreshing breeze of dawn valley mornings.

Continuing a cherished tradition, we'll gather for the General Assembly of ISSCI—the International Society for the Study of Creativity and Innovation—on September 5. Another opportunity to strengthen our brave band of colleagues, welcoming both steadfast companions and inspiring new climbers each year!

Our heartfelt gratitude goes out to the institutions and sponsors whose support forms the solid bedrock of this ascent: the Marconi Institute for Creativity, University of Bologna, University of Trieste, University of Bolzano, Fondazione Guglielmo Marconi, ISSCI, the Journal of Intelligence (MDPI), Loaker, and the Italian Ministry of University and Research (MUR).

And last—but most enduring—our thanks to you, the participants, whether you're here in basecamp or connected from afar. If, when we look back, MIC 2025 will stand out as a summit of memories, it will be thanks to each one of you reaching these heights with us.

Main Venue (Sep 4-6): NOI Techpark Alto Adige, Via Bruno Buozzi, 1, 39100, Bolzano, Italy Except for Opening Event on Wed Sep 3, taking place at Cantina Heinrichshof, Via Beato Arrigo, 30, 39100 Bolzano

All conference times are <u>CEST</u> (Central European Summer Time) Session identification taxonomy: <u>stream-day-number</u> Streams are named after conference rooms: Dolomites, Catinaccio, Renon

Wednesday, September 3, 2025

17.15	Online connection check-in
	MIC Conference 2025 Opening event at Cantina Heinrichshof
17.30	Giovanni Emanuele Corazza (University of Bologna and MIC Founder), and Sergio Agnoli (University of Trieste)
	MIC Keynote Speech Corinna Perchtold-Stefan
17.50	Would Guilford Join us on the Dark Side? Foundations and Future of Malevolent Creativity Research
18.30	Welcome cocktail

Thursday, September 4, 2025

8.50	Online connection check-in		
9.00	MIC Conference 2025 Welcome addresses Giovanni Emanuele Corazza (University of Bologna and MIC Founder), Todd Lubart (President of ISSCI), Sergio Agnoli (University of Trieste)		
9.20	MIC Keynote Speech - 1 Riel Miller Walking on Two Legs: Creativity, Imagination, and Reframing Human Agency through Futures Literacy		
10.00		Break	
10.20	Session Dolomites - Thu-2 Creativity and artificial intelligence 1 Chair: TBD The Statistical Limit to LLM Creativity David Cropley University of South Australia Synthetic-DAT for Multilingual Creativity Assessment Jennifer Haase, P. Hanel & S. Pokutta Humboldt University of Berlin Is GenAI creative? Studying creative self-perceptions, potential, and enhancement of artificial creativity Dimitris Grammenos & T. Lubart FORTH, Greece & Université Paris Cité, France	Session Catinaccio – Thu–2 Creativity in art and organization Chair: TBD Exploring Everyday Creativity in Organizational Contexts: From Ordinary Ideas to Innovation Ana Luisa Villanova Independent Consultant and Researcher in Creativity and Innovation A Consensus Definition of Creativity in Surgery: A Focus Group and Modified Delphi Study Alex Thabane, T. McKechnie, P. Staibano, G. Calic, V. Arora, M. E. Webb, J. W. Busse, S. Parpia, M. Bhandari McMaster University Thinking like an OMer: Divergent Thinking Strategies In Young Creative Experts	Session Renon – Thu–2 Creativity and innovation in education Chair: TBD Community-Building, Academic Culture, and Innovation in Fully Online University Education – The Example of German UDS Julia von Thienen, C. Meinel, M. Friedrichsen, S. Ney German University of Digital Science European Governance of Education Innovation and its Challenges – Two Case Studies Julia von Thienen, M. Friedrichsen, C. Meinel German University of Digital Science Enriching traditional mathematics curriculum with creative activities – the case of MARS summercamp

	Beyond Prompting: Active and Adaptive User Engagement As a Key to Human-AI Co- Creation Thivagan Kanagasabai & M. Tang University Institute of Schaffhausen, Switzerland	Jakub Jędrusiak & M. Karwowski Creative Behavior Lab, University of Wrocław Rebelling and Devoted: An Evolving Systems Approach Exploration to Shuji Nakamura's Creative Process Peiyu Cao Teachers College, Columbia University Creative Jam: Jazz Improvisation and Idea	Boštjan Kuzman & M. Juriševič University of Ljubljana, Faculty of Education, Centre for research and promotion of Giftedness Opportunities for Fostering Creative Potential in Gifted Students Through the European Talent Support Network (ETSN) Csilla Fuszek & M. Juriševič Association of Hungarian Talent Support Organisations
11.40		Generation Leonie Baldacchino, M. Mangion, S. M. Dingli University of Malta Symposium I - Catinaccio - Thu-1 Title: Advancing Human- AI Collaboration for Creativity in Education Chair: Maria Vieira Introduction: Creativity in the Context of Human-AI Collaboration Maria Vieira University of South Australia Exploring cognitive strategies in human-AI	Symposium II – Renon- Thu-1 Title: Translating creativity research into education practice Chair: Paul Sowden & Irene Bonini Pupil impacts of using the Creativity Navigator framework of teaching for creativity in schools Paul Sowden, F. Warren, M. Seymour, Cl Martin, E. Spencer, S. Mansfield, J. Waite, N. Wells
		interaction Kim van Broekhoven Erasmus University Rotterdam Large Language Models and Fit-for-Purpose Classroom Creativity Assessment David H. Cropley University of South Australia	Developing Teachers' Metacognitive Knowledge and Practice in Teaching for Creativity Frances Warren, P. T. Sowden, M. Seymour, E. Spencer, S. Mansfield, C. Martin, N. Wells, J. Waite University of Winchester Supporting a Culture for Teaching for Creativity: The

			Role of School Leaders in Driving and Sustaining Change Marnie Seymour, N. Wells, P. T. Sowden, F. Warren, S. Mansfield, E. Spencer, C. Martin University of Winchester A School Full of Potential Jean-Christophe Goulet- Pelletier, P. T. Sowden, F. Warren, M. Seymour University of Winchester
13.00		Lunch	
	Session Dolomites - Thu-3 Interaction with AI Chair: TBD	Session Catinaccio - Thu-3 Creativity and well-being Chair: TBD	Session Renon- Thu-3 Creativity education at school
	Exploring Human-AI Interaction in Creative Education: Facilitator, Tool, or Artefact? Margarida Romero Unica	Producing and Consuming Creativity Across Domains and Their Link to Well- Being Kirill Miroshnik, M. Kowal, C. Tromp, & J. C. Kaufman University of Trieste	Chair: TBD Introducing Creative Youth Development Via a Case Study of the Haja Center in Seoul, South Korea Denise Montgomery & A. Yockey Culture Thrive, International
14.00	AI Drawing Partner: Co-Creative Drawing Agent and Research Platform to Model Co- Creation Janet Rafner & N. Davis Aarhus University	Impacts of Memory Recall and Transformative Learning Experiences on Self and Others: Utilizing Technology and Creativity Theodore Green Webster University	Exploring the Impact of Resistance to Change on Fostering Creative Attitudes in Teachers Margaret Mangion & A. Valquaresma
	Can AI be designed to enable a more 'human' creative collaborative process within fashion design Shama Rahma & L. Craig University of Edinburgh	Can Large Language Models Capture Regional Psychological Differences? A Simulation Study of the Big Five Personality Traits and Subjective Well-being Across China's Seven Major Regions Based on DeepSeek	Edward de Bono Institute for Creative Thinking and Innovation, University of Malta Creativity Training in the Field: Teacher-Delivered Large-Scale Program Improves Creativity in 8- and 9-Year-Old Children
	AI as a Helper: Leveraging Generative	Luoma Ke, S. Tong, K. Peng Tsinghua University	Aleksandra Zielińska , A. Gajda, D. M. Jankowska, A.

45.00	AI Tools Across Common Parts of the Creative Process Sudapa Chompunuch & T. Lubart Universite Grenoble Alpes	Creativity and Psychological Well-being Sara Jacobovici Owner Creative Arts Therapy Services MIC Keynote Speech - 2	Groyecka, P. Sorokowski, M. Karwowski University of Wrocław, Poland Scaling the Summit of Creative Potential Through the 100 Languages of Children and 150 Factors of Intellect Connie Phelps Emporia State University
15.20	A	Antonella De Angeli Irt After AI: Agency, Conflict and	Ideology
16.00		Break	
	Poster Session - Dolomites - Thu-4 Creative cognition Chair: TBD Cognitive flexibility: a	Poster Session - Catinaccio -Thu-4 Social and individual differences Chair: TBD How Does Embodied	Poster Session – Renon - Thu-4 New methods and development Chair: TBD The DIAMONDS
16.20	behavioral and EEG entropy study on the role of open monitoring meditation Emma Icardi University of Trento, Scuola Internazionale Superiore di Studi Avanzati (SISSA)	Imagination Influence Perceptions of Social Issues? Mizuki Harano, K. Matsumoto, T. Okada University of Tokyo What you watch is what	Psychological Dimensions of Situations as Predictors of Momentary Creativity: A Dynamic Perspective from an Experience Sampling Study Andreja Avsec, G. Z. Kocjan, G. Sočan, V.Buško
	The creative mental time travel: the role of creative cognition in the recall and imagination of autobiographical events <i>Giulia Fusi</i> , S. Agnoli, ML. Rusconi, B. Mazzoleni, A. Mavuli, R. Testa & I. Sotgiu Department of Human and Social Sciences, University of Bergamo	you do? How violent media consumption may influence malevolent creativity Katharina Sattler , C. Rominger, A. Fink, S.V. Veit, C. M. Perchtold- Stefan University of Graz Beyond Dark Personality - Everyday Life Traits and Situational Context in Malevolent Creativity	Artificial Intelligence, Authentic Voice: Authenticity and Creativity in the Generation and Perception of Online Texts Elitsa Staneva-Britton Institute for Population and Human Studies Do students really care about
	Creativity and irrelevance processing: Evidence from online eye tracking	Sarah-Vanessa Veit, C. Rominger, K. Koschutnig, A. Fink, K. Sattler, C. M. Perchtold-Stefan University of Graz	creativity assessment in school context? Jean Urbaniak, S. Said- Metwaly, B. Barbot UCLouvain

Moritz Reis, S. Agnoli, Gender, Creativity, and A Scoping Review of the W. Kunde Thinking Aloud Protocol in Confidence: Gender Differences in Creative Creative Process Research University of Würzburg Self-Concept Izabela Lebuda, Z. Gobis, Wenqing Zhang, S. Tong M. Kazojć, K. Maksymiuk, M. Tsinghua University Woźniak Theory-driven literature University of Wroclaw review of interventions targeting creative **Exploring Creativity** Anxiety in Adolescents: A A Mutualistic Model of metacognition Paulina Nawrocka, M. Pilot Study for a Creativity: Establishing Benedek, M. Czerwonka, Theoretical Model Creative Flow in Classrooms E. Volle, I. Lebuda Zevnep Özal, F. Ambrosini, Susan Sobehrad University of Wrocław G. Mancini, S. Agnoli Central Michigan University University of Bologna Creativity in Context: Insights into the How Problem Features Investigating the Role of Development of Young Shape the Use of Personal Experience in People within a Creativity-Creative Skills in Focused Global Initiative: A Semantic Clustering: Mathematical Word Implications for Creativity Two-Year Data Analysis Linda Fogarty & A. Yockey and Divergent Thinking Problem-Solving Martina Taruscia, E. Bedia Vidua, K. Havas, V. International Youth Foundation Doz, S. Agnoli, A. Cuder, Alimenti, P. Markiewicz, M.C. Passolunghi I. Kißler, M. Wegrzyn University of Trieste CRC Linguistic Creativity in Communication, Bielefeld University Verbal Fluency and Creative thinking: Comparing Semantic and Emotion categories and Network Dynamics Valentina Alimenti, P. Markiewicz, B. Vidua, M. Wegrzyn, J. Kißler CRC Linguistic Creativity in Communication, Bielefeld University, Germany 17.40 End

Local Dinner

19.30

Friday, September 5, 2025

8.50	Online connection check-in		
9.00	MIC Keynote Speech - 4 Evangelia G. Chrysikou 75 Years After Guildford's Address: Progress & Perspectives from the Neuroscience of Creativity		
9.00	Session Dolomites – Fri–1 Neuroscience of creativity Chair: TBD Heart and brain: creativity through the lens of a unified brain and body experience Francesca Torno Jimenez, J. Lloyd-Cox, C. Di Bernardi Luft, M. del Carmen Herrojo Ruiz & J. Bhattacharya Goldsmiths, University of London Heightened Creativity in Neurodivergent People Pinar Sengul Acibadem University The Effect of Computerized Cognitive Rehabilitation on Working Memory, Cognitive Flexibility, and Inhibitory Control as Executive Functions in managers of	•	Session Renon – Fri–1 Developmental perspectives Chair: TBD Brain games: Crossword puzzles and their potential link with creative thinking Jiayin Liu & T. Lubart LaPEA, Université Paris Cité and Université Gustave Eiffel Kids vs. Adults – A Mixed-Methods Comparison of Creative Performance and Subjective Experience Mathias Benedek, J. Saretzki, I. Fratzl University of Graz Beyond the Individual: A Developmental Perspective on Local Creative Ecosystems Michael Hanson
	an Industrial Organization Nasrin Arshaid Shahid Chamran University of Ahvaz, Ahvaz, Iran	The emergence of an idea: an analysis of the cognitive and conative factors defining the creative process	Effects of creative avatars and self-similar avatars
	Cerebral correlates of divergent thinking in the science and the arts.	Lorenzo Campidelli, G.E. Corazza, T. Lubart, M. Mangion, S. Agnoli University of Trieste	with different levels of immersion on creative processes Jiayin Liu, T. Lubart & J.M. Burkhardt

	Cecilia Segatta, P. Bernardis, L. Campidelli, K. G. Miroshnik, G.E. Corazza, A. Faiella, M. Zanon, S. Agnoli University of Trieste		LaPEA, Université Gustave Eiffel
11.00		Break	
11.20		Symposium III - Dolomites- PISA: Insights from in-depth canalyses Chair: <i>Todd Lubart</i>	
12.40		Lunch	
13.40	ISSCI General Assembly		
15.30		Break	
15.50	Session Dolomites – Fri-3 Creative dynamics and creative performance Chair: TBD Space for creativity: effect of visited space on creative agency and performance Lidia Wojtycka & M. Karwowski University of Wrocław Sparking Creativity: The Effects of Creativity Training on Creative Agency Aleksandra Zielińska, L. Wojtycka, J. Jędrusiak, M. Czerwonka, M. Karwowski University of Wrocław Tracing the Dynamics of Creative Thinking: Exploring Ideational Flexibility, Switching, and Forward Flow in Scoring Divergent Thinking Hinrichsen Timo, M. Tang	Session Catinaccio – Fri-3 New visions on creativity Chair: TBD Ways to Wow and Strategies of Wonder: Seeing Events in Time as Things in Space Nicole Derikx Honse of Art & Agency Ideas from Tomorrow Roberto Ottolino IZILab Creativity-based actions in a world of uncertainty Paulo Gomes de Sousa-Filho Universidade do Rio Grande, Brazil Observing Non-Human Creativity and rethinking Intellectual Property Sveva Antonini La Pistona Osservatorio sulla creatività in natura	Session Renon – Fri-3 Creativity in and for education Chair: TBD Open-Ended Learning through Tinkering: Empowering Young Minds to Think and Create Differently Stefano Rini, S. Agnoli, S: Faiella, G. Mancini, G. E. Corazza DEI Department, Marconi Institute for Creativity, University of Bologna, Bologna, Italy Bridging Creative Practice and Everyday Perceptions: A Mixed-Methods Study of Arts-Based Interventions Jingyan Sun, T. Agata

	University Institute of Schaffhausen, Switzerland What happens before ideation? A focus on the external word. Sergio Agnoli Department of Life Sciences, University of Trieste Marconi Institute for Creativity		Graduate School of Global and Transdisciplinary Studies, Chiba University, Japan Evaluating the Impact of a Differentiated Instruction Intervention on Verbal Creativity: Findings from a School-Based Intervention Dimitrios Zbainos & A. Lougiaki Harokopio University of Athens, Greece Family environment facilitating the development and expression of High Creative Potential in French children with low socioeconomic status Sylvie Tordjman Integrative Neuroscience and Cognition Center (INCC), CNRS UMR 8002 and Université Paris Cité
17.10		End of Friday	unii e micronii 1 unii e em
19.00	75 Years After	xtended Speech by the Pick James C. Kaufman Guilford: From Who, How, and W Baptiste Barbot eativity": 75 Years of Legacy, Insigh	, and the second

Saturday, September 6, 2025

8.50		Online connection check-in	
9.00		MIC Invited Speech Adva Margalliot Lessons from Butan	
9.20	Session Dolomites -Sat-1 Creativity and artificial intelligence 2 Chair: TBD Generative AI models outperform students on divergent and convergent thinking assessments Vikram Arora, A. Thabane, G. Calic, M. Bhandari McMaster University The Relationship between Creativity and Semantic Memory Structure in Humans and Large Language Models Umberto Domanti, L. Campidelli, S. Agnoli, A. De Angeli Free University of Bozen-Bolzano Generative AI Has Not (Yet?) Surpassed Humans in Creative Idea Generation: A Meta-Analysis (2022-2025) Michael Mose Biskjaer & Alwin de Rooij Aarhus University The Effects of (Dis)Similarities Between the Creator and the Assessor on Assessing Creativity: A Comparison	Session Catinaccio - Sat-1 Playing with the potential and malevolent creativity Chair: TBD From Classroom to Boardroom: Contextual Triggers of Dark Creative Behaviour Nada Kaurin Knežević J. Bhattacharya University of Algebra Finding Life Between Boredom and Killing: First Results from the Researcher-as-Obstacle Framework Raphaël Julliard, D. Roy, M. Botella Laboratoire d'Anthropologie Sociale, Paris, France Teaching for Creativity: Does Knowledge About Creativity Matter? Gerardo Pellegrino, M. Benedek, M. Giancola Department of General Psychology, University of Padova The Dark Personality and the Malevolent Creativity: how are they linked? Gabriele Stella & M.	Session Renon-Sat-1 New insights on creativity assessment Chair: TBD Large Language Models and Fit-for-Purpose Classroom Creativity Assessment David Cropley, R. Marrone, M. Vieira University of South Australia From models to minds: a factorial field experiment on the dual power of creative modelling and social interaction in learning Karsten Olsen, N. Holdgaard, K. Lauridsen, O. Eggers Bjælde, E. Paldam Interacting Minds Centre, Aarhus University Does context shape creativity in artists and scientists? Insights from a modified alternative uses task Angela Faiella, K. Miroshnik, C. Segatta, L. Campidelli, S. Galli, S. Agnoli, G.E. Corazza University of Bologna The Structural Validity of the Short Scale of Creative Self: When Identity and Efficacy Blend Kirill Miroshnik, T. Pozzoli, G. Fusi, A. Greco & S.
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	Martin op 't Hof, K. Hu, H. Bai, S. Tong Radboud University	Université Paris Cité	University of Trieste	
10.40		Break		
11.00		Title: Critical Perspectives on Malevolent Creativity: Responding to Theoretical Gaps Chair: Roni Reiter-Palmon When Harmful Becomes Hilarious: Perceptions of Malevolent Creativity Differ from Perceptions of Generic Aggression Corinna Perchtold-Stefan, M. Baas, C. Rominger & A. Fink University of Graz, Austria What happens before and after malevolent ideation: The role of problem construction and idea evaluation in the study of malevolent creativity Roni Reiter-Palmon, A. Linnell, P. Japp University of Nebraska at Omaha Revisiting Malevolent Creativity: Who does it and how should we study them? David Cropley University of South Australia	Symposium V – Renon - Sat–2 Title: Cultural aspects related to creativity and mediation Chair: Adva Margaliot Showcase selected projects that integrate technology and problem-solving Bijoy Kumar Rai PCE, RUB Bhutan Cultural aspects of mediation Efrat Bengio Beit Berl Academic College, Israel Teaching creativity in a multicultural environment Adva Margaliot Achva Academic College, Israel	
12.20		Lunch		
13.20		MIC Keynote Speech - 7 Giovanni Emanuele Corazz reativity: A Decalogue of Research		

14.00		Session Catinaccio – Sat–3 Creative self and creative activities Chair: TBD Improving Assessment Accuracy in Visual and Verbal Creativity Tasks Through Feedback and Reflection Marta Czerwonka, J. Jedrusiak, A. Zielińska, I Lebuda, M. Karwowski University of Wrocław Regulating Creative Action with Generative AI: Exploring the Self-AI- Regulation Model in Co- Creation Margaret Mangion & Z. Ivcevic Pringle University of Malta Are you doing something creative? Contant analysis of responses in an ESM study Zorana Ivcevic, K. Cotter Y Pei Yale University	Session Renon – Sat–3 Gender and socio- economic influences Chair: TBD The Contribution of Creative Confidence to Closing the Gender Gap in STEM Maria Vieira University of South Australia Online and printed formats for creativity assessment: Are there gender and socioeconomic differences? Solange Muglia Wechsler Pontifical Catholic University of Campinas (Sao Paulo) J. P. Guilford, Creative Thinking and Visual Arts: A New Look at Surrealist Works Katya Stoycheva Institute for Population and Human Studies, Bulgarian Academy of Sciences From Hidden Sparks to World-Shaping Visions: Transformational Creativity and the Future of Higher Education Ana Jorge Artigau, T. Bosch, I. Trossero, F. Aguilar
15.20	MI	C Conference 2025 Awards Cerem	Universidad Austral ony!
15.45		Conference End	

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