



Conference Program

Virtual Edition

September 14 - September 16



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Welcome to the MIC Conference 2020!

Dear Friends,

In these difficult times, with an ongoing sanitary emergency affecting the entire globe and no clear time horizon for a definitive resolution, we had to make a clear cut decision about the MIC Conference 2020, with four possible options: cancel, postpone, go virtual on-demand, go virtual online.

Notwithstanding the fact that nothing is comparable to the bonding that characterizes the real experience of meeting colleagues and friends face-to-face, and fully aware of the fact that the reliability of the Internet can never be 100%, we nonetheless enthusiastically opted for a *live online event*, completely devoted to creativity studies, with presentations delivered from all-around the globe!

As you will see from this Conference Program, the menu is quite rich with Invited Speeches from renown experts, Symposia on hot topics, timely Presentations and Posters of the latest results obtained by our thriving scientific community, and the celebration of the 2020 Marconi Creativity Award, assigned to Isaac Getz for his groundbreaking work on creative organizational approaches based on freedom and altruism.

Attendees and Speakers of the MIC Conference 2020 belong to four different continents, spanning 16 hours of different time-zones! In order to facilitate the participation of all, we decided to organize the program around three blocks per day, with large break times in between, each block identified as “Tempus”, which is latin for “period of time”. Each Tempus is dedicated to a great Italian creative genius:

- Raffaello Tempus – from 08:15 to 11:30 CEST
- Leonardo Tempus – from 13:00 to 16:00 CEST
- Marconi Tempus – from 17:30 to 20:45 CEST

Video recordings of the various Tempi will be made available subject to speakers’ approval. In the Program, to each Tempus a number is added identifying the date: so, for example, Leonardo Tempus 15 is the mid-day block of Tuesday September 15.

We look forward to meeting you all online for the MIC Conference 2020!

Monday, September 14, 2020

8.15 Connection check-in	
8.45 MIC Conference 2020 opening – Giovanni Emanuele Corazza	
9.00 MIC Invited Speech 1	
Todd Lubart <i>Université de Paris</i>	<i>The next frontier in creativity assessment</i>
9.20 Session 1 – Chair: Boris Forthman	Creativity in Education and Practice
M. McVeigh <i>¹Griffith University, Australia</i>	Creativity and Creative Practice: A Meta-Cognitive Domain-Specific Framework for Writing and Making for the Screen
R. Hollander¹, O. Peretz¹ & D. Harel² <i>¹IDC Herzliya, Israel, ²Weizmann Institute of Science</i>	A Plugin-Based Platform for Music Interaction as a Multidisciplinary, Collaborative and Creative Education Tool
M. Mercier¹ & T. Lubart¹ <i>¹U. of Paris</i>	Board games: a new tool for improving creativity?
10.05 Break	
10.20 Session 2 – Chair: Sergio Agnoli	Cognitive mechanisms of creative thinking
D. Shimizu¹ & T. Okada¹ <i>U. of Tokyo</i>	The Interaction between Mind and Body in People's Creativity: Explanation Focusing on Prediction Error
M. Downes¹, L. Keenan¹ & S. Conroy¹ <i>¹U. College Dublin</i>	Creative assessment of executive functions and early classroom performance
S. Bourgeois-Bougrine <i>U. of Paris & U. Gustave Eiffel</i>	Naturalistic creativity in safety-critical environments
11.05 MIC Invited Speech 2	
Evelyn Kroesbergen <i>Radboud University (NL)</i>	<i>The benefits of distraction: The relation between attention and creativity in children</i>
End 11.30	

RAFFAELLO TEMPUS - 14

13.00 <i>Connection check-in</i>	
13.30 MIC Invited Speech 3	
Nathalie Bonnardel <i>Aix-Marseille Université</i>	<i>Creativity and prospective ergonomics</i>
13.50 Session 3 – Chair: Giovanni Emanuele Corazza Creative Cognition	
<u>W. Ross</u> ¹ , P. March ² & F. Vallée-Tourangeau ¹ <i>¹Kingston U., ²U. of Oxford</i>	Between the cracks: A case study of accidents, constraints and signs of new growth
A. D’Anselmo ^{1,2} , S. Agnoli ^{1,2} , M. Filardi ¹ , F. Pizza ^{1,3} , S. Mastria ^{1,2} , G. E. Corazza ^{1,2} , G. Plazzi ^{3,4} , <i>¹U. of Bologna, ²MIC, ³IRCCS Istituto delle Scienze Neurologiche of Bologna, ⁴U. of Modena and Reggio Emilia</i>	Creativity in narcolepsy type 1: the role of dissociated REM sleep manifestations in the modulation of creative potential
S. Mastria ^{1,2} , S. Agnoli ^{1,2} , L. Franchin ³ & G.E. Corazza ^{1,2} <i>¹U. of Bologna, ²MIC, ³U. of Trento</i>	Inspiration and Creativity: the role of semantic distance in divergent thinking
14.35 Break	
14.50 MIC Invited Speech 4	
Michael Hanchett Hanson <i>Teachers College of New York</i>	<i>Case Studies in Research Using Distributed and Participatory Frameworks</i>
15.10 Symposium 1 – Chair: Claudio Lucchiari The “limits” of creativity: Studies and applications in atypical situations	
A. Antonietti ¹ & A. Cancer ¹ <i>¹Catholic U. of the Sacred Heart, Milan</i>	The creative profile of children and adolescents with developmental dyslexia
E. Farina ¹ , L. Della Zoppa ¹ & S. Molteni ¹ <i>¹Milano Bicocca U.</i>	Enhancing socio-emotional skills by creative training for children with ASD: A pilot study
M. E. Vanutelli ¹ , V. Cortinovis ² , C. Sergi ¹ , & C. Lucchiari ¹ <i>¹U. of Milan, ²Archè Onlus, Social Cooperative</i>	Creativity as a tool to assess and enhance flexible thinking in people with intellectual disabilities (ID): A case series
<i>End 16.00</i>	

17.30 <i>Connection check-in</i>	
18.00 Celebration of the 2020 MIC Creativity Award	
Isaac Getz <i>ESCP Business School</i>	<i>Creativity needs creativity</i>
18.25 Symposium 2 – Chair: John F. Cabra Post-traumatic Creativity: Examples from Myanmar through an Academic Civic Engagement Program	
J. F. Cabra <i>State U. of New York, Buffalo State</i>	Post-traumatic Creativity: Context and Model 1
M. Bartlett <i>State U. of New York, Buffalo State</i>	Post-traumatic Creativity: Model 2
M. Burch <i>State U. of New York, Buffalo State</i>	Post-traumatic Creativity: Model 3
J. Brewster <i>State U. of New York, Buffalo State</i>	Post-traumatic Creativity: Model 4
19.25 <i>Break</i>	
19.40 MIC Invited Speech 5	
Mark Runco <i>University of Southern Oregon</i>	<i>Fulfilling Creative Potential by Tolerating and Even Rewarding Bad Ideas</i>
20.00 Session 4 – Chair: Samira Bourgeois-Bougrine Arts: experiencing creative appreciation	
S. Fischer <i>Independent Producer</i>	Where Ideas Come From
P. Cortada Boada <i>U. of Barcelona</i>	Developing cartographic attention to nurture creative potential
A. Valqueresma¹ & J. L. Coimbra¹ ¹ <i>U. of Porto</i>	Unfolding the ties of Creative Self-efficacy and Aesthetic Judgment: A matter of Creative mediation?
<i>End 20.45</i>	

Tuesday, September 15, 2020

8.15 Connection check-in	
8.45 Session 5 – Chair: Mathias Benedek	The neuroscience of creativity
C. Rominger ¹ , D. Memmert ² , I. Papousek ¹ , C. M. Perchtold-Stefan ³ , E. M. Weiss ¹ , M. Benedek ¹ , A. R. Schwerdtfeger ¹ & A. Fink ¹ <i>¹U. of Austria, ²German Sport U. of Cologne, ³U. of Innsbruck</i>	Different neurocognitive strategies in women and men when generating creative solutions in soccer decision-making situations
H. McKee ¹ , S. Rahman ² , J. von Thienen ¹ , L. Seidel ¹ , F. Grzelka ¹ , P. Gloeckner ¹ & C. Meinl ¹ <i>¹U. of Potsdam, ²NeuroCreate Ltd.</i>	Measuring Creative Flow in Real-time Using Consumer-grade EEG Coupled with a Neural Network
S. Agnoli ^{1,2} , S. Mastria ^{1,2} , M. Zanon ³ , G. E. Corazza ^{1,2,4} <i>¹Marconi Institute for Creativity, ²U. of Bologna, ³International School for Advanced Studies (SISSA), ⁴Université de Paris</i>	Dopamine and ideas originality: a non-linear relationship
9.30 MIC Invited Speech 6	
Takeshi Okada <i>University of Tokyo</i>	<i>The role of physical process in creativity</i>
<i>9.50 Break</i>	
10.05 Session 6 – Chair: Maria Elide Vanutelli	Dynamics in Creativity Education
Y. Iwai <i>U. of Tokyo</i>	Facilitation of novel creation by revision of others' works
A. Pins¹ & H. Kupermintz¹ <i>¹U. of Haifa</i>	Moments of Creativity: Dimensions of Creative Dynamics in the Classroom
S. Jacobovici <i>Creative Arts Therapies Services, Israel</i>	Inspiration Matters!
M. Botella¹ & C. Dalloubeix² <i>¹U. of Paris, ²Polytech Sorbonne U.</i>	What is the path followed by the most creative engineering students?
11.05 MIC Invited Speech 7	
Maciej Karwowski <i>University of Wroclaw</i>	<i>(Un)Creative when locked down?</i>
<i>End 11.30</i>	

13.00 <i>Connection check-in</i>	
13.30 MIC Invited Speech 8	
Vlad Glăveanu <i>Webster University</i>	<i>Creativity on the move</i>
13.50 Session 7 – Chair: Maxence Mercier Multivariate approaches to creative development	
I. Lebudai ¹ , D. M. Jankowska ² & M. Karwowski ¹ <i>¹U. of Wrocław, ²The Maria Grzegorzewska</i>	Parental creativity self-beliefs and family lifestyle
M. Celume ¹ & F. Zenasni ¹ <i>¹U. of Paris & U. Gustave Eiffel</i>	The impact of mood induction on children's creative convergent thinking
T. Toivainen ¹ , V. Repeyko ² , V. Shakeshaft ³ , M. Lihanov ² & Y. Kovas ^{1,3} <i>¹Goldsmiths, University of London; ²Sirius University of Science and Technology, Sochi, Russian Federation, ³King's College London</i>	Personality and cognitive ability predictors of creativity among high achieving adolescents in Science, Art & Literature
14.35 Break	
14.50 MIC Invited Speech 9	
James Kaufman <i>University of Connecticut</i>	<i>Searching for Meaningful Creativity</i>
15.10 ISCCI Symposium – Chair: Roni Reiter-Palmon	
<p><i>The ISCCI Board Members:</i></p> <ul style="list-style-type: none"> • Todd Lubart, <i>Université de Paris</i> • Roni Reiter-Palmon, <i>University of Nebraska, Omaha</i> • Michael Hanchett Hanson, <i>Teachers College of New York</i> • Nathalie Bonnardel, <i>Aix-Marseille Université</i> • Vlad Glăveanu, <i>Webster University</i> • Zorana Ivcevic Pringle, <i>Yale University</i> • Maciej Karwowski, <i>University of Wrocław</i> • James Kaufman, <i>University of Connecticut</i> • Takeshi Okada, <i>University of Tokyo</i> • Giovanni Emanuele Corazza, <i>University of Bologna</i> 	
<i>End 16.00</i>	

17.30 <i>Connection check-in</i>	
18.00 MIC Invited Speech 10	
Ronald Beghetto <i>Arizona State University</i>	<i>Actionable Uncertainty: A Basis for Creative Thought and Action</i>
18.20 Symposium 3 – Chair: Ellen K. Baker Becoming and Expressing One’s True Self: The Legacy of Dr. E. Paul Torrance	
B. Cramond ¹ , R. A. Chavez ² & F. Kaufmann ¹ <i>¹U. of Georgia, ²Washington International Center for Creativity</i>	The Torrance Manifesto for Children and Adults as a Guides to a Creative Life
B. A. Kerr <i>U. of Kansas</i>	Don’t Waste Energy Trying to be Well Rounded
E. K. Baker <i>Private Practice, Washington</i>	Becoming one's self: An ongoing practice
<i>19.05 Break</i>	
19.20 MIC Invited Speech 11	
Roni Reiter-Palmon <i>University of Nebraska, Omaha</i>	<i>Team Creativity: The interplay between cognitive and social processes</i>
19.40 Symposium 4 – Chair: Julia von Thienen Automation of Creativity Measurements	
C. Jaschek ¹ , K. Borchart ¹ , E. se ¹ , C. Meinel ¹ , O. Kolodny ² & J. von Thienen ¹ <i>¹U. of Potsdam, ²The Hebrew U. of Jerusalem</i>	Measuring Creativity with a Video Game
Y. Hart ^{1,2,3} <i>¹Harvard University, ²The Theatre Lab, Weizmann Institute of Science, ³Department of Molecular Cell Biology, Weizmann Institute of Science</i>	Automating the Assessment of Creative Exploration versus Exploitation
H. S. Adnan ¹ , S. Real ¹ & S. Rahman ^{2,3} <i>¹U. of Potsdam, ²NeuroCreate Ltd., ³University of Potsdam</i>	Measuring Creative Flow in Real-Time with Consumer-Grade EEG and Deep Learning Networks
M. Benedek ¹ & B. Forthmann ² <i>¹U. of Graz, ²U. of Münster</i>	Automated Creativity Assessments of Verbal Test Responses
<i>End 20.45</i>	

Wednesday, September 16, 2020

8.15 Connection check-in	
8.45 Session 8 – Chair: Christian Rominger	Organizational Creativity
C. Singh ¹ , D. Cropley ¹ & Maureen Dollard ¹ <i>1U. of South Australia</i>	Ready, Set, Industry 4.0
A. Kulichyova ¹ , S. Moffett ¹ , J. McKnight ¹ & M. McCracken ¹ <i>1Ulster U.</i>	Developing employee creativity: A cross-level approach through HR developmental practices
M. L. Oppert ¹ , D. H. Cropley ¹ , Maureen Dollard ¹ , V. O’Keeffe ² , R. Reiter-Palmon ³ , V. Murugavel ³ , & Markus Bensnes ⁴ <i>1U. of South Australia, 2Flinders U., 3U. of Omaha, 4Subject Matter Expert, Norway</i>	Exploring psychosocial safety and creative problem solving in the engineering workplace
9.30 MIC Invited Speech 12	
Gabriele Rizzo <i>Longviews</i>	<i>Foresight and Futures Studies in Defense: maintaining the Offset in deep uncertainty</i>
9.50 Break	
10.05 Session 9 – Chair: Serena Mastria	Development: creative growth & growth of creativity
A. Lellouche-Gounon ¹ , A. Gounon ² , N. Bonnardel ¹ <i>1Aix-Marseille U., 2AALG SAS ESS</i>	A ‘mixed’ technique to reach new ideas adapted to constraints: An exploratory study with seniors and their caregivers
K. van Broekhoven ¹ , B. Belfi ¹ & L. Borghans ¹ <i>1Maastricht U.</i>	To make or not to make? The effect of expected implementation on idea selection
S. Gaardboe <i>U. of South Australia</i>	Assessing Creativity and Critical Thinking in the Primary School Classroom
10.50 Mini Talks/Posters 1 – Chair: Wendy Ross	
K. Chiffi ¹ , A. Eberhard-Moscicka ¹ , Y. Bühlmann ¹ , T. Nef ¹ , C. L. Bassetti ¹ , R. M. Müri ¹ <i>1U. of Bern</i>	Creativity and sleep - increase of N1 sleep and frontal slow wave power with increasing fluency
J. Sun ¹ & T. Okada ¹ <i>1U. of Tokyo</i>	An analysis of actors' internal changes through communication with their partners in acting training
M. Giancola ¹ , M. Palmiero ² , L. Piccardi ³ & S. D’Amico ¹ <i>1U. of L’Aquila, 2U. of Bergamo, 3IRCCS Fondazione Santa Lucia</i>	The contribution of the High-Level Executive Functions in verbal creativity
L. S. Sica ¹ & L. Fusco ¹ <i>1U. of Naples Federico II</i>	Creativity for positive development: the importance of creative self for vocational identity in late adolescence
M. Holinger ¹ & J. C. Kaufman ¹ <i>1U. of Connecticut</i>	Exploring Creativity and Well-being Among Gifted Young Adults
N. Göbel ^{1,2} , M. Camenzind ^{1,2} , A. K. Eberhard-Moscicka ^{1,2} , S. Niggeler ^{1,2} , H. Hegi ¹ , S. Knobel ¹ , P. Urwyler ¹ , T. Nyffeler ^{1,3} , T. Nef ¹ , R. M. Müri ^{1,2} <i>1U. of Bern, 2U. Hospital Bern, 3Luzerner Kantonsspital, Lucerne</i>	Creativity after stroke – comparison of verbal and figural divergent thinking tasks
End 11.30	

13.00 <i>Connection check-in</i>	
13.30 MIC Invited Speech 13	
Giovanni Emanuele Corazza <i>University of Bologna</i>	The Dynamic Creativity Framework
13.50 Symposium 5 – Chairs: Shama Rahman & Theresa Weinstein	
The Sonification of Brain Data for Creativity Research, Real-Time Feedback and Artistic Applications	
T. Strauch ¹ , L. Hartmann ¹ , L. Hilbrich ¹ , P. Steigerwald ¹ , C. Chafe ² , J. von Thienen ³ <i>¹Technical U. of Berlin, ²Stanford U., ³U. of Potsdam</i>	Audible Spatialization of EEG Data in the Context of Creativity Studies
N. Danz <i>U. of Potsdam</i>	Real-time EEG Sonification with the BITalino platform
N. D'Aleman ¹ , C. Chafe ² , J. von Thienen ³ <i>¹Berlin U. of the Arts, ²Stanford U., ³U. of Potsdam</i>	Brainwave Etudes: Composition and Improvisation with Brain Data
14.35 <i>Break</i>	
14.50 MIC Invited Speech 14	
Zorana Ivcevic Pringle <i>Yale University</i>	<i>Emotions and creativity: From what we feel to what we do with our feelings</i>
15.10 Session 10 – Chair: Andreia Valqueresma	
Sociocultural Aspects of Creativity	
M. Bultseva <i>National Research U., Moscow</i>	Intercultural contacts and intercultural competence as factors of Russian students' creativity
M. Romo <i>Universidad Autónoma de Madrid</i>	Gender and Creativity: Where are the big-creative women?
Neil Maiden <i>City, University of London</i>	Creativity, Draft and Design: The 13th ACM Creativity & Cognition C&C'2021 Conference, June 2021, Venice. https://cc.acm.org/2021/
<i>End 16.00</i>	

17.30 Connection check-in	
18.00 Session 11 – Chair: Izabela Lebuda	
Genius and giftedness	
C. Phelps ¹ , J. Miller ² & M. Brazzolotto ³ <i>¹Emporia State U., ²Texas A&M-Commerce, ³Scuola Elementare Galileo Galilei</i>	Comparison of Creative Pedagogy from Reggio Emilia and Gifted and Talented Classrooms
S. Russ <i>Case Western Reserve U.</i>	Nurturing Creativity in Marconi and Future Marconi's
D. Choi <i>Florida State U.</i>	Conceptualization of Creativity Compared to Problem-Solving, Imagination, Innovation, Giftedness, and Expertise
18.45 MIC Invited Speech 15	
Darya Zabelina <i>University of Arkansas</i>	<i>The effects of mindfulness on viewing and making in art in children and adults.</i>
19.05 Break	
19.20 Mini Talks/Posters 2 – Chair: Zorana Ivcevic Pringle	
M. Camenzind ¹ , N. Göbel ¹ , B. C. Preisig ² , F. W. Mast ¹ , T. Nef ¹ , R. Müri ¹ & A. K. Eberhard-Moscicka ¹ <i>¹U. of Bern, ²U. of Zurich</i>	The effect of transcranial Random Noise Stimulation (tRNS) on the performance in verbal divergent thinking tasks - a machine learning approach
C. Martin ¹ , P. Sowden ^{1,2} , T. Gamble ¹ & J. Nelson ² <i>¹U. of Winchester, ²U. of Surrey</i>	Creative thinking in the digital age – different route, same destination?
S. Yokochi ¹ & T. Okada ² <i>¹Tokyo Future U., ²U. of Tokyo</i>	Exploration and reflection in emerging artists' art making
E. Torno Jiménez ¹ & E. G. Chryssikou ¹ <i>¹Drexel U.</i>	The Effect of the Intuitiveness of Tool Design on Creative Output
G. Mancini ¹ , T. Pozzoli ² , L. Franchin ³ , G. Centemero ¹ , N. Di Nitto ¹ , V. Aresta ³ , T. Giacometti ² , S. Mastria ^{1,4} , G. E. Corazza ^{1,4} & S. Agnoli ^{1,4} <i>¹ U. of Bologna, ²U. of Padova, ³U. of Trento, ⁴MIC</i>	Training creative thinking in primary school children: the role of trait emotional intelligence
V. Manalang ¹ , J. Katz-Buonincontro ¹ & E. G. Chryssikou ¹ <i>¹Drexel U.</i>	Exploring Emotional Content in Acting: Project REAL (Role of Emotions in Actors' Live) Performance
19.55 MIC Invited Speech 16	
Michael Mumford <i>University of Oklahoma</i>	<i>Creative thinking: processes, strategies and skills</i>
Conference Closure 20.15-20.30	

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