

# **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 business models 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

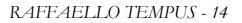
Video recordings of the various Tempi will be made available subject to speakers' approval. In the Program, to each Tempus a number is added identifying the date: so, for example, Leonardo Tempus 15 is the mid-day block of Tuesday September 15.

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		
<b>Todd Lubart</b> Université de Paris	The next frontier in creativity assessment	
9.20 Session 1	Creativity in Education and Practice	
M. McVeigh1 & D. H. Cropley2 1Griffith University, 2U. of South Australia	Creativity and Creative Practice: A Meta-Cognitive Domain-Specific Framework for Writing and Making for the Screen	
R. Hollander IDC Herzliya, Israel	A Plugin-Based Platform for Music Interaction as a Multidisciplinary, Collaborative and Creative Education Tool	
M. Mercieri & T. Lubarti 1 <i>U. of Paris</i>	Board games: a new tool for improving creativity?	(
10.05 Break		
10.20 Session 2	Cognitive mechanisms of creative thinking	
D. Shimizuı & T. Okadaı U. of Tokyo	The Interaction between Mind and Body in People's Creativity: Explanation Focusing on Prediction Error	
M. Downes1, L. Keenan1 & S. Conroy1 1 <i>U. College Dublin</i>	Creative assessment of executive functions and early classroom performance	
S. Bourgeois-Bougrine U. of Paris & U. Gustave Eiffel	Naturalistic creativity in satety-critical environments	
11.05 MIC Invited Speech 2		
<b>Evelyn Kroesbergen</b> Radboud University (NL)	The benefits of distraction: The relation between attention and creativity in children	
End 11.30		





13.00 Connection check-in		
13.30 MIC Invited Speech 3		
<b>Nathalie Bonnardel</b> Aix-Marseille Université	Creativity and prospective ergonomics	
13.50 Session 3	Creative Cognition	
<u>W. Ross</u> <sub>1</sub> , P. March <sub>2</sub> & F. Vallée- Tourangeau1 <sub>1</sub> 1 <i>Kingston U.</i> , 2 <i>U. of Oxford</i>	Between the cracks: A case study of accidents, constraints and signs of new growth	
A. D'Anselmo1,2, S Agnoli1,2, M. Filardi1, F. Pizza1,3, S. Mastria1,2, G. E. Corazza1,2, G Plazzi3,4, 1U. of Bologna, 2MIC, 3IRCCS Istituto delle Scienze Neurologiche of Bologna, 4U. of Modena and Reggio Emilia	Creativity in narcolepsy type 1: the role of dissociated REM sleep manifestations in the modulation of creative potential	LEONA
S. Mastria1,2, S. Agnoli1,2, L. Franchin3 & G.E. Corazza1,2 1U. of Bologna, 2MIC, 3U. of Trento	Inspiration and Creativity: the role of semantic distance in divergent thinking	EONARDO TEMPUS -
14.35 Break		TEN
14.50 MIC Invited Speech 4		<b>IPU</b>
<b>Michael Hanchett Hanson</b> <i>Teachers College of New York</i>	Case Studies in Research Using Distributed and Participatory Frameworks	S – 14
15.10 Symposium 1 – Chair: Claudio Lucchiari	The creative profile of children and adolescents with development dyslexia	
A. Antonietti1 & A. Cancer1 1 <i>Catholic U. of the Sacred Heart,</i> <i>Milan</i>	The creative profile of children and adolescents with developmental dyslexia	
E. Farinaı, L. Della Zoppaı & S. Molteniı 1 <i>Milano Bicocca U</i> .	Enhancing socio-emotional skills by creative training for children with ASD: A pilot study	
M. E. Vanutelli <sub>1</sub> , V. Cortinovis <sub>2</sub> , C. Sergi <sub>1</sub> , & C. Lucchiari <sub>1</sub> 1U. of Milan, 2Archè Onlus, Social Cooperative	Creativity as a tool to assess and enhance flexible thinking in people with intellectual disabilities (ID): A case series	
End 16.00		



#### **17.30** Connection check-in

18.00 Celebration of the 2020 MIC (	Creativity Award	
Isaac Getz ESCP Business School	Presented by Rotary Club	
18.25 Symposium 2 – Chair: John F. Cabra	Post-traumatic Creativity: Examples from Myanmar through an Academic Civic Engagement Program	
J. F. Cabra State U. of New York, Buffalo State	Post-traumatic Creativity: Context and Model 1	
M. Bartlett State U. of New York, Buffalo State	Post-traumatic Creativity: Model 2	
M. Burch State U. of New York, Buffalo State	Post-traumatic Creativity: Model 3	
J. Brewster State U. of New York, Buffalo State	Post-traumatic Creativity: Model 4	
19.25 Break		
19.40 MIC Invited Speech 5		
<b>Mark Runco</b> University of Southern Oregon	Fulfilling Creative Potential by Tolerating and Even Rewarding Bad Ideas	
20.00 Session 4	Arts: experiencing creative appreciation	
S. Fischer Independent Producer	Where Ideas Come From	
P. Cortada Boada U. of Barcelona	Developing cartographic attention to nurture creative potential	
A. Valquaresma1 & J. L. Coimbra1 1U. of Porto	Unfolding the ties of Creative Self-efficacy and Aesthetic Judgment: A matter of Creative mediation?	
End 20.45		



MARCONI TEMPUS - 14

## Tuesday, September 15, 2020

8.15 Connection check-in	
8.45 Session 5	The neuroscience of creativity
C. Rominger1, D. Memmert2, I. Papousek1, C. M. Perchtold-Stefan3, E. M. Weiss1, M. Benedek1, A. R. Schwerdtfeger1 & A. Fink1 1U. of Austria, 2German Sport U. of Cologne, 3U. of Innsbruck	Different neurocognitive strategies in women and men when generating creative solutions in soccer decision-making situations
H. McKee1, S. Rahman2, J. von Thienen1, L. Seidel1, F. Grzelka1, P. Gloeckner1 & C. Meinl1 1 <i>U. of Potsdam, 2NeuroCreate Ltd.</i>	Measuring Creative Flow in Real-time Using Consumer-grade EEG Coupled with a Neural Network
S. Agnoli1,2, S. Mastria1,2, M. Zanon3, G. E. Corazza1,2,4 1Marconi Institute for Creativity, 2U. of Bologna, 3International School for Advanced Studies (SISSA),4Universitè de Paris	Dopamine and ideas originality: a non-linear relationship
9.30 MIC Invited Speech 6	
<b>Takeshi Okada</b> University of Tokyo	The role of physical process in creativity
9.50 Break	
10.05 Session 6	Dynamics in Creativity Education
Y. Iwai U. of Tokyo	Facilitation of novel creation by revision of others' works
A. Pinsı & H. Kupermintzı ıU. of Haifa	Moments of Creativity: Dimensions of Creative Dynamics in the Classroom
S. Jacobovici Creative Arts Therapies Services, Israel	Inspiration Matters!
M. Botella1 & C. Dalloubeix2 1U. of Paris, 2Polytech Sorbonne U.	What is the path followed by the most creative engineering students?
11.05 MIC Invited Speech 7	
<b>Maciej Karwowski</b> University of Wroclaw	(Un)Creative when locked down?
End 11.30	1

RAFFAELLO TEMPUS - 15



<b>13.00</b> Connection check-in		
13.30 MIC Invited Speech 8		
<b>Vlad Glăveanu</b> Webster University	Creativity on the move	
13.50 Session 7	Multivariate approaches to creative development	
I. Lebuda1, D. M. Jankowska2 & M. Karwowski1 1U. of Wroclaw, 2The Maria Grzegorzewska	Parental creativity self-beliefs and family lifestyle	
M. Celume & F. Zenasni 1U. of Paris & U. Gustave Eiffel	The impact of mood induction on children's creative convergent thinking	
T. Toivainen1, V. Repeykova2, V. Shakeshaft1, M. Lihanov2 & Y. Kovas1 1 <i>Goldsmiths</i> , 2 <i>University of</i> London	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 University of Connecticut	Searching for Meaningful Creativity	
15.10 ISCCI Symposium – Chair: Roni Reiter-Palmon		
The ISSCI Board Members: • Todd Lubart, Université de Po • Roni Reiter-Palmon, Univers		
<ul> <li>Michael Hanchett Hanson, T</li> <li>Nathalie Bonnardel, Aix-Mar</li> <li>Vlad Glăveanu, Webster Univ</li> </ul>	seille Université	
<ul> <li>Zorana Ivcevic Pringle, Yale</li> <li>Maciej Karwowski, University</li> </ul>	University y of Wroclaw	
<ul> <li>James Kaufman, University of</li> <li>Takeshi Okada, University of</li> <li>Giovanni Emanuele Corazza,</li> </ul>	Tokyo	
End 16.00		



#### 17.30 Connection check-in

#### 18.00 MIC Invited Speech 10

<b>Ronald Beghetto</b> Arizona State University	Actionable Uncertainty: A Basis for Creative Thought and Action			
18.20 Symposium 4 – Chair: Ellen K. Baker	Becoming and Expressing One's True Self: The Legacy of Dr. E. Paul Torrance			
B. Cramond1, R. A. Chavez2 & F. Kaufmann1 1U. of Georgia, 2Washington International Center for Creativity	The Torrance Manifesto for Children and Adults as a Guides to a Creative Life			
B. A. Kerr U. of Kansas	Don't Waste Energy Trying to be Well Rounded			
E. K. Baker Private Practice, Washington	Becoming one's self: An ongoing practice	MARCONI TEMPUS –		
19.05 Break	19.05 Break			
19.20 MIC Invited Speech 11				
<b>Roni Reiter-Palmon</b> University of Nebraska, Omaha	<i>Team Creativity: The interplay between cognitive and social processes</i>	EMP		
19.40 Symposium 3 – Chair: Julia von Thienen	Automation of Creativity Measurements	US – 1		
C. Jaschek1, K. Borchart1, E. Krebs1, C. Meinel1, O. Kolodny2 & J. von Thienen1	Magazzing Caractivity with a Video Come	15		
1U. of Potsdam, 2The Hebrew U. of Jerusalem	Measuring Creativity with a Video Game			
1U. of Potsdam, 2The Hebrew U. of	Automating the Assessment of Creative Exploration versus Exploitation			
1U. of Potsdam, 2The Hebrew U. of Jerusalem Y. Hart1,2,3 1Harvard University, 2The Theatre Lab, Weizmann Institute of Science, 3Department of Molecular Cell	Automating the Assessment of Creative			
<ul> <li>1U. of Potsdam, 2The Hebrew U. of Jerusalem</li> <li>Y. Hart1,2,3</li> <li>1Harvard University, 2The Theatre Lab, Weizmann Institute of Science,</li> <li>3Department of Molecular Cell</li> <li>Biology, Weizmann Institute of Science</li> <li>H. S. Adnan1, S. Real1 &amp; S. Rahman2,3</li> <li>1U. of Potsdam, 2NeuroCreate Ltd.,</li> <li>3University of Potsdam</li> <li>M. Benedek1 &amp; B. Forthmann2</li> </ul>	Automating the Assessment of Creative Exploration versus Exploitation Measuring Creative Flow in Real-Time with Consumer-Grade EEG and Deep Learning Networks Automated Creativity Assessments of Verbal			
1U. of Potsdam, 2The Hebrew U. of Jerusalem Y. Hart1,2,3 1Harvard University, 2The Theatre Lab, Weizmann Institute of Science, 3Department of Molecular Cell Biology, Weizmann Institute of Science H. S. Adnan1, S. Real1 & S. Rahman2,3 1U. of Potsdam, 2NeuroCreate Ltd., 3University of Potsdam	Automating the Assessment of Creative Exploration versus Exploitation Measuring Creative Flow in Real-Time with Consumer-Grade EEG and Deep Learning Networks			



### Wednesday, September 16, 2020

<b>8.15</b> <i>Connection check-in</i>	
8.45 Session 8	Organizational Creativity
C. Singh1 & D. Cropley1 1U. of South Australia	Ready, Set, Industry 4.0
A. Kulichyovaı, S. Moffettı, J. McKnightı & M. McCrackenı 1 <i>Ulster U</i> .	Developing employee creativity: A cross-level approach through HR developmental practices
M. L. Oppert1, D. H. Cropley1, R. Reiter-Palmon2, V. Murugavel2, V. O'Keeffe3 1U. of South Australia, 2U. of Omaha, 3Flinders U.	Exploring psychosocial safety and creative problem solving in the engineering workplace
9.30 MIC Invited Speech 12	
<b>Gabriele Rizzo</b> Leonardo SpA	TBD
9.50 Break	
10.05 Session 9	Development: creative growth & growth of creativity
A. Lellouche-Gounon1, A Gounon2, N. Bonnardel1 1Aix-Marseille U., 2AALG SAS ESS	A 'mixed' technique to reach new ideas adapted to constraints: An exploratory study with seniors and their caregivers
K. van Broekhoven1, B. Belfi1 & L. Borghans1 1Maastricht U.	To make or not to make? The effect of expected implementation on idea selection
S. Gaardboe U. of South Australia	Assessing Creativity and Critical Thinking in the Primary School Classroom
10.50 Mini Talks/Posters 1	
H. Ahmed1, Ka. Pauly-Takacs1 & A. Abraham1 1Leeds Beckett U.	Effects of episodic and semantic memory induction on creative thinking
J. Sun1 & T. Okada1 1U. of Tokyo	An analysis of actors' internal changes through communication with their partners in acting training
M. Giancola1, M. Palmiero2, L. Piccardi3 & S. D'Amico1 1U. of L'Aquila, 2U. of Bergamo, 3IRCCS Fondazione Santa Lucia	The contribution of the High-Level Executive Functions in verbal creativity
L. S. Sica1 & L. Fusco1 1U. of Naples Federico II	Creativity for positive development: the importance of creative self for vocational identity in late adolescence
M. Holinger & J. C. Kaufman	Exploring Creativity and Well-being Among Gifted Young Adults
F. Torno Jiménezı & E. G. Chrysikou 1Drexel U.	The Effect of the Intuitiveness of Tool Design on Creative Output



<b>13.00</b> Connection check-in		
13.30 MIC Invited Speech 13		
<b>Giovanni Emanuele Corazza</b> University of Bologna	The Dynamic Creativity Framework	
15.10 Symposium 5 – Chairs: Shama Rahman & Theresa Weinstein	The Sonification of Brain Data for Creativity Research, Real-Time Feedback and Artistic Applications	
T. Strauch1, L. Hartmann1, L. Hilbrich1, P. Steigerwald1, C. Chafe2, J. von Thienen3 1Technical U. of Berlin, 2Stanford U., 3U. of Potsdam	Audible Spatialization of EEG Data in the Context of Creativity Studies	
N. Danz U. of Potsdam	Real-time EEG Sonification with the BITalino platform	LEOI
N. D'Aleman1, C. Chafe2, J. von Thienen3 <i>Berlin U. of the Arts, 2Stanford U.,</i> <i>3U. of Potsdam</i>	Brainwave Etudes: Composition and Improvisation with Brain Data	EONARDO TEMPUS – 16
14.35 Break		
14.50 MIC Invited Speech 14		MP
Zorana Ivcevic Pringle Yale University	Emotions and creativity: From what we feel to what we do with our feelings	- SO
13.50 Session 10	Sociocultural Aspects of Creativity	16
S. Hofreiter1, M. Tang1, J. Schmidt1 & C. H. Werner1 Institute for Creativity & Innovation, U. of Applied Management	Incremental or radical innovation? The influence of cultural orientation, thinking style, and the perception of creativity – A preliminary study with a Southern German Sample	
M. Bultseva National Research U., Moscow	Intercultural contacts and intercultural competence as factors of Russian students' creativity	
M. Romo U. of Madrid	Gender and Creativity: Where are the big-creative women?	
End 16.00		



17.30 Connection check-in	
18.00 Session 11	Genius and giftedness
C. Phelps1, J. Miller2 & M. Brazzolotto3 1Emporia State U., 2Texas A&M- Commerce, 3Scuola Elementare Galileo Galilei	Comparison of Creative Pedagogy from Reggio Emilia and Gifted and Talented Classrooms
<u>S. Russ</u> Case Western Reserve U.	Nurturing Creativity in Marconi and Future Marconi's
D. Choi Florida State U.	Brief Review of Creativity and Problem- Solving, Imagination, Innovation, Giftedness, and Expertise in Literature
18.45 MIC Invited Speech 15	
<b>Darya Zabelina</b> University of Arkansas	The effects of mindfulness on viewing and making in art in children and adults.
19.05 Break	
19.20 Mini Talks/Posters 2	
K. Chiffi1, A. Eberhard-Moscicka1, Y. Bühlmann1, T. Nef1, C. L. Bassetti1, R. M. Müri1 1U. of Bern	Creativity and sleep - increase of N1 sleep and frontal slow wave power with increasing fluency
M. Camenzind1, N. Göbel1, B. C. Preisig1, F. W. Mast1, T. Nef1, R. Müri1 & A. K. Eberhard-Moscicka1 1U. of Bern	The effect of transcranial Random Noise Stimulation (tRNS) on the performance in verbal divergent thinking tasks - a machine learning approach
C. Martin <sub>1</sub> , P. Sowden <sub>1,2</sub> , T. Gamble <sub>1</sub> & J. Nelson <sub>2</sub> 1U. of Winchester, 2U. of Surrey	Creative thinking in the digital age – different route, same destination?
S. Yokochii & T. Okada2 1Tokyo Future U., 2U. of Tokyo	Exploration and reflection in emerging artists' art making
N. Göbel U. Hospital Bern	Creativity after stroke – comparison of verbal and figural divergent thinking tasks
G. Mancini1, T. Pozzoli2, L. Franchin3, G. Centemero1, N. Di Nitto1, V. Aresta3, T. Giacometti2, S. Mastria1,4, G. E. Corazza1,4 & S. Agnoli1,4 1 U. of Bologna, 2U. of Padova, 3U. of Trento, 4MIC	Training creative thinking in primary school children: the role of trait emotional intelligence
V. Manalang1, J. Katz-Buonincontro1 & E. G. Chrysikou1 1Drexel U.	Exploring Emotional Content in Acting: Project REAL (Role of Emotions in Actors Live) Performance
19.55 MIC Invited Speech 16	
Michael Mumford University of Oklahoma	Creative thinking: processes, strategies and skills
Conference Closure 20.15-20.30	



### Technical Program Committee Members

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