



online & on-site

ATHENS, APRIL 7-9, 2021

**RESEARCH &
INNOVATION FORUM**

MANAGING CONTINUITY, INNOVATION, &
CHANGE IN THE POST-COVID WORLD:
TECHNOLOGY, POLITICS & SOCIETY

[HTTPS://RII-FORUM.ORG](https://rii-forum.org)

Research & Innovation Forum 2021

7-9 April 2021 ONLINE

Conference theme:

Managing Continuity, Innovation, and Change in the Post-Covid World: Technology, politics and society

PROGRAM

About Rii Forum 2021

Research and Innovation Forum (Rii Forum) is an annual conference that brings together researchers, academics, and practitioners in conceptually sound inter- and multi-disciplinary, empirically driven debate on key issues influencing the dynamics of social interaction today. Technology, innovation, and education define the rationale behind the Rii Forum and are at the heart of all discussions held during the conference. The Covid-19 pandemic and its social, political, and economic implications have confirmed that a more thorough debate on these issues and topics is needed, and Rii Forum 2021 will be devoted to this end.

Venue [online]

Due to Covid-19 inflicted travel restrictions and other public health measures in force, Rii Forum 2021 will be held online via Zoom.

Time zone:

All times indicated in Athens time, i.e. UTC+3 (as of March 28, 2021)

Schedule

SLOT	DAY 1 (TRACK 1/TRACK 2)	DAY 2 (TRACK 1/TRACK 2)	DAY 3 (TRACK 1/TRACK 2)
10:30-12:00	Panel 3/Panel 6	Panel 10a/Panel 9a	
12:15-13:45	Panel 1a/Panel 2	Panel 9b/Panel 10b	Ph.D. workshop
14:30-16:00	Keynote speech	Keynote speech	Plenary session
16:15-17:45	Panel 8a/Panel 4a	Panel 8b/Panel 5	--
18:00-19:30	Panel 7a/Panel 11	Panel 7b/Panel 4b	--

Rii Forum 2021 Steering Committee

Higinio Mora, Ph.D., Associate Professor, Computer Technology Dpt. University of Alicante, Spain

Miguel Jesús Torres-Ruiz, Ph.D., Professor & Researcher of the Instituto Politécnico Nacional, Mexico

Kawther Saedi, Ph.D., Associate Professor, King Abdulaziz University, Jeddah, Saudi Arabia

Orlando Troisi, Ph.D., Assistant Professor, University of Salerno, Fisciano, Italy

Anna Visvizi, Ph.D., Associate Professor, SGH Warsaw School of Economics, Warsaw, Poland

Yenchun Jim Wu, Ph.D., Distinguished Professor, Graduate Institute of Global Business and Strategy, National Taiwan Normal University, Taiwan

Rii Forum 2021 Chairs

Anna Visvizi, Ph.D., Associate Professor, SGH Warsaw School of Economics, Warsaw, Poland

Orlando Troisi, Ph.D., Assistant Professor, University of Salerno, Fisciano, Italy

For further details, please, visit the conference website at <https://rii-forum.org>

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Day 1	7-Apr-21 10:15: Opening of Rii Forum 2021	 <p>online & on-site ATHENS, APRIL 7-9, 2021 RESEARCH & INNOVATION FORUM MANAGING CONTINUITY, INNOVATION, & CHANGE IN THE POST-COVID WORLD: TECHNOLOGY, POLITICS & SOCIETY HTTPS://RII-FORUM.ORG</p>
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Track 1				Track 2			
Panel 3	Paper ID	Title	Authors	Panel 6	Paper ID	Title	Authors
Chair: Shahira Abdel Razek 10:30-12:00 [EET/Athens] HEALTH & WELL-BEING IN SMART CITIES: URBAN DESIGN & URBAN PLANNING IN THE COVID-19 ERA	004	<i>How does behavioral intention to use digital technology affect citizens' mental health during the COVID-19?</i>	Hongxin Wang, Wenqing Wu, Yenchun Wu	Chair: Francesco Colace 10:30-12:00 [EET/Athens] CULTURAL HERITAGE & ICT	003	<i>Digitization of Polish cultural practices - using virtual resources of material culture during the COVID-19 pandemic</i>	Marek Bodziany, Justyna Matkowska
	014	<i>Smart cities from slow philosophy</i>	Pablo de-Gracia-Soriano, Diana Jareño-Ruiz		017	<i>ICTs for social value co-creation during the Covid-19 emergency: an empirical research on a non-profit organization.</i>	Ciro Clemente De Falco, Emilia Romeo
	066	<i>Life expectancy estimation based on machine learning and structured predictors</i>	Hind Alasmari, Khulood Faisal, Dareen Alomari, Hanan Alghamdi		062	<i>Simulators used in the process of training Polish policemen</i>	Jacek Dworzecki
	052	<i>Resilient Urban Open Spaces in the Age of the Pandemic</i>	Shahira Abdel-Razek, Yasmin Moanis		077	<i>Education Strategic Orientations of Bahrain Universities by Entrepreneurial, Innovation and Technology Transfer</i>	Haya Alkandari, Fairouz Aldhmour, Rustom Mamlook

Track 1				Track 2			
Panel 1a	Paper ID	Title	Authors	Panel 2	Paper ID	Title	Authors
Chair: Alessandra Romano & Massimo de Santo 12:15-13:45 [EET/Athens] TECHNOLOGY, EDUCATION & ON-	006	<i>Impact of the covid-19 pandemic on education at the military university of land forces</i>	Piotr Szczepański	Chair: Kawther Saeedi 12:15-13:45 [EET/Athens] IMMERSIVE TECHNOLOGIES AS A TOOL FOR	002	<i>Improvement of a sign language learning reinforcement tool by using phonological proximity</i>	Luis Naranjo-Zeledón, Mario Chacón-Rivas, Jesús Peral, Antonio Ferrández, David Gil
	007	<i>Practice Enterprises in times of the pandemic: Their effectiveness through online and blended learning</i>	Daniele Gualdi, Ana Beatriz Hernández-Lara		046	<i>Architecture based on machine learning techniques and data mining for prediction of indicators in the diagnosis and intervention of autistic spectrum disorder</i>	David Gil, Magnus Johnsson, Julian Szymanski, Jesús Peral, Mohan Tanniru

LINE LEARNING IN TIMES OF THE PANDEMIC	040	<i>Massive Open On-line Courses and Smart Cities in the COVID-19 Time</i>	Filippo Sciarrone, Marco Temperini	COPING WITH COVID-19 IN HIGHER EDUCATION	048	<i>Recognition of hygiene activities by means of fusion sensors</i>	Aurora Polo-Rodríguez, Federico Cruciani, Chris Nugent, Javier Medina Quero	
	073	<i>How to cultivate personal learning and professional growth in a disrupting time among reactions, resistances and collective transformations.</i>	Alessandra Romano			047	<i>A mobile application with geolocation and virtual rewards for promoting the social skills in people with social disorders</i>	Aurora Polo-Rodríguez, Javier Medina Quero, Magnus Johnsson, David Gil, Ignasi Navarro
	076	<i>Facing COVID19 Emergency in Higher Education Teaching and Learning: a transformative framework for Faculty Development</i>	Alessandra Romano, Domenico Santaniello					
Welcoming remarks by the Rii Forum Chairs Erkki Ormala Senior Fellow, Innovation Management, School of Business, Aalto University <i>Title of the speech:</i> Successful innovations drive economic growth								
14:30-16:00 [EET/Athens]	Keynote speech							
Track 1				Track 2				
Panel 8a	Paper ID	Title	Authors	Panel 4a	Paper ID	Title	Authors	
Chair: Krzysztof Kozłowski 16:15-17:45 [EET/Athens] DEMOCRACY IN THE POST-COVID WORLD	078	<i>Because of Snowden? Privacy Issues Becomes the Matrix of Cyber</i>	Emanuel Boussios	Chair: Francesca Loia 16:15-17:45 [EET/Athens] SMART CITIES IN THE COVID-19 ERA: SDGs & RESILIENCE	001	<i>Exploring the link between customers' safety perception and the use of information technology in restaurant sector during the COVID-19. An empirical analysis in the Campania Region.</i>	Benedetta Esposito, Maria Rosaria Sessa, Daniela Sica, Ornella Malandrino	
	028	<i>Political Debate during the Spanish State of Alarm, consequence of the COVID-19 pandemic, via Twitter.</i>	Carles Vañó-Agulló, Pablo de-Gracia-Soriano, Diana Jareño-Ruiz		067	<i>The role of e-commerce in Saudi Arabia during the COVID-19 pandemic: A survey</i>	Lama Alharbi, Redha Alsulami, Hind Alghamdi, Bashaer Al-Abdullah, Bahjat Fakieh, Kawther Saeedi	
	071	<i>Poland and its Covid legislation. The strategy of the populist conservative</i>	Jaroslawn Suchoples		31	<i>New shades on the Smart City paradigm during the COVID-19: a multiple case study analysis of Italian Local Governments</i>	Gennaro Maione, Francesca Loia	

		<i>government in times of the pandemic</i>					
	070	<i>Threats to democracy in the time of CoVid-19 based upon the example of the political and economic situation in Poland</i>	Wojciech Horyń		22	<i>The role of blockchain technology during Covid-19 in health sector</i>	Vilma Çekani
Track 1				Track 2			
Panel 7a	Paper ID	Title	Authors	Panel 11	Paper ID	Title	Authors
Chair: Howard Duncan 18:00-19:30 [EET/Athens] DEPOPULATION, THE GLOBAL COMPETITION FOR TALENT, AND THE DIGITAL DIASPORA	051	<i>Slovenian and comparative experience in changes in brain circulation and return migration through ICT in the time of COVID-19</i>	Dejan Valentinčič	Chairs: Jennifer Moss Breen, Antonella Carbonaro 18:00-19:30 [EET/Athens] HUMAN-HUMAN & HUMAN-MACHINE INTERACTION AMID THE COVID-19 PANDEMIC	057	<i>Global Impacts of ICT-Qualified Worker Shortage: Exploring the Need for Educational, Firm-based, and Societal Investments in ICT Human Capital</i>	Jennifer Moss Breen, Antonella Carbonaro
	053	<i>"Working from Home": Government Initiatives to Promote Returning to Latvia amidst the Pandemic</i>	Agnese Lace		058	<i>Technology Influences on Employee Engagement During COVID-19</i>	Matthew Woods
	054	<i>Quarantining in Croatia – has the COVID 19 pandemic spurred homeland return?</i>	Caroline Hornstein Tomic, Dora Bagic, Maja Kurilic		059	<i>Grief, Growth, and Silver Linings: Humanistic Leadership during the COVID-19 Pandemic</i>	Angela Lehr, Susie Vaughan
	045	<i>Enhancing innovativeness of China's economy through attracting global talents</i>	Małgorzata Dziembala		061	<i>The Challenges Teachers Face In Creating High Quality LMX With Students Using Online Learning Platforms and Maintaining a Virtual Collaborative Environment with Colleagues That Promotes Student Learning</i>	Kelli Kidwell

Day 2	8-Apr-21	10:15: Welcome to the 2 nd day of Rii Forum 2021		<p style="font-size: 8px; margin: 0;">online & on-site</p> <p style="font-size: 10px; margin: 0;">ATHENS, APRIL 7-9, 2021</p> <p style="font-size: 14px; margin: 0;">RESEARCH & INNOVATION FORUM</p> <p style="font-size: 8px; margin: 0;">MANAGING CONTINUITY, INNOVATION, & CHANGE IN THE POST-COVID WORLD: TECHNOLOGY, POLITICS & SOCIETY</p> <p style="font-size: 8px; margin: 0;">HTTPS://RII-FORUM.ORG</p>
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Track 1	Track 2
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Panel 10a	Paper ID	Title	Authors
Chair: Mara Grimaldi 10:30-12:00 [EET/Athens] DATA-DRIVEN DECISION-MAKING AND STRATEGY IN BUSINESS	012	<i>Dataveillance In Public Health: A New Approach To Investigate Data Sharing Reluctance</i>	Gianluca Maria Guazzo
	024	<i>The implementation of the use of technologies and Big Data in Local Authorities at the time of Covid -19</i>	Vincenzo Marrazzo
	038	<i>Benefits and drawbacks of Agile (Scrum) and DevOps for the development challenges of cloud applications</i>	Sarah Sassenus, Konstantinos Tsilionis, Yves Wautelet
	005	<i>Business dynamics in the era of Covid 19: the link between performance organizations and uncertainty of corporate information</i>	Carlo Torre, Francesco Marra
	010	<i>Online Dmo for meeting Industry</i>	Gianluca Mansi

Panel 9a	Paper ID	Title	Authors
Chair: Orlando Troisi 10:30-12:00 [EET/Athens] AI IN THE INTERNATIONAL AND GLOBAL PERSPECTIVE	011	<i>Artificial Intelligence Supports Firms During Covid-19 Pandemic</i>	Francesco Polese, Gianluca Maria Guazzo
	023	<i>Future China: AI leader in 2030?</i>	Marina Reshetnikova
	035	<i>Let thy food be thy medicine: Exploring the impact of Covid-19 pandemic on the online food delivery industry</i>	Francesco Smaldone, Mario D'Arco, Vittoria Marino, Marco Pellicano
	042	<i>International Governmental Organizations and Selection of Efficient AI Solutions in Public Services</i>	Aleksander Surdej

Track 1

Panel 09b	Paper ID	Title	Authors
Chair: Anna Visvizi	013	<i>A double blockchain-based consumption model using a gamification social environment</i>	Ciro D'Apice, Claudia Pipino, Carmine De Nicola, Chiara Marciano

Track 2

Panel 10b	Paper ID	Title	Authors
Chair: Mara Grimaldi	015	<i>Data-driven decision making in circular economy SMEs</i>	Anne-Mari Järvenpää, Iivari Kunttu, Jari Jussila, Mikko Mäntyneva

12:15-13:45 [EET/Athens] AI IN THE INTERNATIONAL AND GLOBAL PERSPECTIVE	030	<i>AI and Fuzzy Cognitive Map for supporting urban decision-making during the pandemic</i>	Francesca Loia, Roberto Vona	12:15-13:45 [EET/Athens] DATA-DRIVEN DECISION-MAKING AND STRATEGY IN BUSINESS	018	<i>ICT platforms from barrier to opportunity: lessons from the Italian case after COVID-19 in restaurant management</i>	Antonio Botti, Antonella Monda
	039	<i>On Techniques to Detect Concept Maps Pedagogical Similarity</i>	Carla Limongelli, Filippo Sciarrone, Marco Temperini		032	<i>Disaggregating data for a smart and resilient healthcare ecosystem</i>	Luca Carrubbo, Antonietta Megaro, Francesco Notari
	081	<i>Intelligent Information Technology Innovation Management in Higher Education</i>	Rustom Mamlook		034	<i>Brave consumers for a new digital world: Exploring the impact of Covid-19 on online purchase intentions</i>	Francesco Smaldone, Mario D'Arco, Vittoria Marino, Marco Pellicano
Welcoming remarks by the Rii Forum Chairs							
14:30-16:00 [EET/Athens]	<p style="text-align: center;">Keynote speech</p> <p style="text-align: center;">Ari Huczkowski CEO, LUMINTEL <i>Title of the speech:</i> Bottom-Up Culture Creates Born Global Success Stories: The Case of Helsinki Uusimaa Region</p>						
Track 1				Track 2			
Panel 8 b	Paper ID	Title	Authors	Panel 5	Paper ID	Title	Authors
Chair: Jarosław Suchoples 16:15-17:45 [EET/Athens] DEMOCRACY IN THE POST-COVID WORLD	056	<i>Chinese Formats of International Integration: from Shanghai Cooperation Organization to RCEP</i>	Krzysztof Kozłowski	Chair: Emmanuel Boussios 16:15-17:45 [EET/Athens] SMART CITIES, PUBLIC HEALTH & INFECTIOUS DISEASES	019	<i>Designing and Implement a Chain for Safe and low-risk Diagnosis and Control the (COVID-19) based on the Ethereum Blockchain</i>	Carlo Alessandro Sirianni, Parisa Sabbagh, Francesco Marra
	027	<i>The Conditionality of the Next Generation EU recovery instruments</i>	Anna Molnár, Anna Urbanovics		020	<i>The use of local centers in spatial planning as a method of diseases spread reduction in smart cities</i>	Radoslaw Malik, Anna Zdyb
	033	<i>Virulence of two infectious diseases: Inequality and Covid-19</i>	Francesco Smaldone, Mario D'Arco, Vittoria Marino, Marco Pellicano		072	<i>Exploring the differentiating characteristics between the Smart City and the Smart Society models</i>	Erick Varela, Higinio Mora, Anna Visvizi
	009	<i>ICT extra-curricular activities: the "Digital Girls" case study for the development of human capital</i>	Francesco Faenza, Claudia Canali, Antonella Carbonaro		065	<i>Towards Smart Data Management of Scientific Literature: Addressing Polysemy and Aberrant Decoding in Author Names</i>	Asamaporn Sitthi, Sidra Khalid, Saeed-UI Hassan

				050	<i>A protocol to diagnose cases of COVID19 structured in machine learning and verbal decision analysis</i>	Evandro Andrade, Placido Pinheiro, Luciano Comin Nunes, Mirian Pinheiro,	
Track 1				Track 2			
Panel 7b	Paper ID	Title	Authors	Panel 4b	Paper ID	Title	Authors
Chair: Howard Duncan 18:00-19:30 [EET/Athens] DEPOPULATION, THE GLOBAL COMPETITION FOR TALENT, AND THE DIGITAL DIASPORA	021	<i>Youth migration before and during the COVID-19 pandemic: insights from Poland</i>	Piotr Maleszyk	Chair: Francesca Loia 18:00-19:30 [EET/Athens] SMART CITIES IN THE COVID-19 ERA: SDGs & RESILIENCE	063	<i>Security of the real estate market in Poland during the COVID-19 pandemic</i>	Izabela Nowicka
	037	<i>Taking care of Business: return migration and brain gain in the Baltics</i>	Kata Fredheim, Zane Varpina		036	<i>Managing global epidemic through resilience: from shared intentions to societal changes</i>	Orlando Troisi, Mara Grimaldi
	041	<i>Israeli and Polish Policies toward Returning Residents as a Reflection of Nationhood</i>	Agnieszka Bielewska, Karin Amit		016	<i>Minimum areas of confinement: towards a post-pandemic urbanism</i>	Raquel Pérez-delHoyo, Higinio Mora, Laura Ferrando-Martínez
	043	<i>Shrinking societies, returning diaspora</i>	Howard Duncan		029	<i>Geospatial analysis of COVID-19 distribution and its relation to public transportation services</i>	MAGDALENA SALDANA PEREZ, MARCO MORENO, ALBERTO SILVA

Day 3	9-Apr-2021 12:00: Welcome to the 3 rd day of Rii Forum 2021	 <p>online & on-site ATHENS, APRIL 7-9, 2021 RESEARCH & INNOVATION FORUM MANAGING CONTINUITY, INNOVATION, & CHANGE IN THE POST-COVID WORLD: TECHNOLOGY, POLITICS & SOCIETY HTTPS://RII-FORUM.ORG</p>
12:15-13:45 [EET/Athens]	Ph.D. workshop	RESEARCHING, WRITING, AND THRIVING WHILE A PH.D. STUDENT
15:00-17:00 [EET/Athens]	Rii Forum - IDEA Round Table	GLOBAL DEMOCRATIC TRENDS BEFORE AND DURING THE COVID-19 PANDEMIC
17:00-17:15 [EET/Athens]	<i>Thank you and #StaySafe</i>	





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