



*4th International Scientific Conference on*

## **DIGITAL TRANSITION: RESEARCH & DEVELOPMENT**

26 – 27 January 2023

University Giustino Fortunato – Benevento

In presence: Giustino Fortunato University

In streaming: virtual room

**Thursday 26 January**

**9.00 A.M.**

9:00 A.M. – 9:30 A.M. **Institutional greetings**

**Giuseppe Acocella** - Giustino Fortunato University

**Ida D’Ambrosio** - Giustino Fortunato University

**In presence:** Room 18

**In streaming:** <https://us02web.zoom.us/j/81117293358?pwd=UkEySmbc1-qk55vk7wjgzg3pmxlh59rv5dlgewd9jem5nrt4w>

**Panel I 9:30 A.M. – 11:30 A.M.**

**Digital Transition and Law**

**In presence:** Room 18

**In streaming:** <https://us02web.zoom.us/j/81117293358?pwd=UkEySmbc1-qk55vk7wjgzg3pmxlh59rv5dlgewd9jem5nrt4w>

**Chair: Fabrizio Corona** – University Giustino Fortunato

Number of speakers 8

**Buffo Angelo Pio** (online) – University of Foggia

*Between accountability and care. Rethinking responsibility in the digital age*

**Ciscognetti Rossella** (in presence) – Parthenope University of Naples

*The digitalization of the public administration and compatibility profiles with*

**Corona Fabrizio** (in presence) - University Giustino Fortunato

*Predictive justice: when algorithms pervade the law*

**D'Onofrio Cristina** (in presence) - University of Naples Federico II

*Legal design and artificial intelligence: new perspectives for the future of law*

**Del Pizzo Alessia** (online) - University Niccolò Cusano

*Brain Computer Interfaces (BCIs): implications of brain reading in law*

**Gallo Alba** (in presence) – University Giustino Fortunato

*Artificial intelligence: a tool to prevent crime*

**Genovino Cinzia** (in presence) - University Giustino Fortunato

**De Andreis Federico** - University Giustino Fortunato

*Digital strategies and customer value in aviation. An exploratory study on Generation Z travelers*

**Sacco Francesco Giuseppe** (in presence) – University of Naples Federico II

*An anthropocentric point of view*



**Thursday 26 January**

**9:30 A.M. – 11:30 A.M.**

**Panel II 9:30 A.M. – 11:30 A.M.**

**The Effects of Digitalization on Society  
Digital Transition and Law**

**In presence:** Room 23

**In streaming:** <https://us02web.zoom.us/j/87663618845?pwd=QWR3cnJtS1J-BRWICOEFNcE1DK1ZSQT09>

**Chair Elvira Martini** - University Giustino Fortunato

Number of speakers 7

**Dragone Mirella** (in presence) – University Giustino Fortunato

**Esposito Concetta** – University of Naples Federico II

**Affuso Gaetana** – University of Campania L. Vanvitelli

**Bacchini Dario** - University of Naples Federico II

*Pandemic-related Digital Transformation in Education and its Effects on Students' Academic Self-efficacy: The Buffering Role of Effortful Control*

**Maiorano Antonietta** (in presence) - University Giustino Fortunato - INAPP

**Grimaldi Anna** - INAPP

**Ancora Anna** -INAPP

*Supporting transitions with innovative guidance pathways to foster employability*

**Martini Elvira** (in presence) - University Giustino Fortunato

**De Luca Picione Raffaele** - University Giustino Fortunato

**Sgambato Maria** - University Giustino Fortunato

*Social Foresight: the importance of anticipating the consequences of technological choices*

**Maselli Matteo** (online) - University of Macerata

*New paradigms for the study of literature: the information science technology applied to the Dantean allegorism*

**Nuria Belloso Martin** (on line) – University of Burgos

*From neuroethics and neurotechnologies to neurorights: the challenge of the right of equitable access to cognitive improvement*

**Sabatini Alessia** (in presence) - University Giustino Fortunato

**Martini Elvira** - University Giustino Fortunato

*The social perspective of religion: scenarios and reflections*

**Urdaneta Argenis** (online) – University of Carabobo, Venezuela

*The University in the digital transition. Global scope and local context*



**Thursday 26 January**

**11.45 A.M. - 02:00 P.M.**

**Panel III 11:45 A.M. – 02:00 P.M.**

**Digitalization and Law**

**In presence:** Room 18

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**Chair Ida D'Ambrosio** – University Giustino Fortunato

Number of speakers 8

**Antuoni Rossella** (online) – University of Salerno

*Art in the Metaverse: dualism between opportunity and criticality*

**Buzzelli Dario** (in presence) - University Giustino Fortunato

*Discriminatory and people's rights*

**Franciosa Giuliana** (in presence) – INAPP

*Toward Law "151" for an acceleration of the digitization process of the relationship between PA and citizen*

**La Regina Katia** (in presence) - University Giustino Fortunato

*Trial in the digital universe*

**Lettieri Nicola** (in presence) - University of Sannio - INAPP

**Vestoso Margherita** - University of Sannio

**Cecere Ilaria** - University of Sannio

*Beyond the crystal ball Visions of AI in Justice Administration*

**Minafra Mena** (online) – University of Campania L. Vanvitelli

*Online searches in the context of computer investigations in the criminal justice system*

**Rodríguez González Victor** (online) – University Isabel I of Burgos

**Mayorga Escalada Santiago** – University Isabel I of Burgos

*Political nonverbal communication and its functionality in electoral processes*

**Tarantino Giovanni** (in presence) - University of Salento

*Reflections on some emerging ethical issues in the field of artificial intelligence, empowering biotechnologies and human nature*



**Thursday 26 January**

**11:45 A.M. – 02:00 P.M.**

**Panel IV 11:45 A.M. – 02:00 P.M.**

**New Challenges in the AI Age**

**In presence:** Room 23

**In streaming:** <https://us02web.zoom.us/j/87663618845?pwd=QWR3cnJtS1J-BRWICOEFNcE1DK1ZSQ09>

**Chair:** **Antonio Coronato** - University Giustino Fortunato

Number of speakers 9

**Abbas Zahra** (online) - Quaid-i-Azam University, Pakistan

**Muhammad Naqi Syed** - Quaid-i-Azam University, Pakistan

**Abbas Musarat** - Quaid-i-Azam University, Pakistan

*AI Empowered COVID-19 Prediction System*

**Coronato Antonio** (in presence) - University Giustino Fortunato

*AI-based systems for preventing medication errors*

**Crocco Giovanna** (online) – University of Calabria

*Telemedicine benefits and critical issues*

**Ferraro Laura** (online) - University of Calabria

*Digital Transformation to foster customer value creation: the case of five Calabrian SMEs*

**González Jorge Rafael Teodoro** (online) - University Isabel I of Burgos

**Colón Palacios Francisco** - Ntra. Sra. Del Carmen, Badajoz

*Education proposal for Sustainability Conceptusing digital tools*



**Mansoor Jamal** (online) - Quaid-i-Azam University, Pakistan

**Musarat Abbas** - Quaid-i-Azam University, Pakistan

**Muddasar Naeem** - University Giustino Fortunato

*Self-Adapted Resource Allocation in V2X Communication*

**Muddasar Naeem** (online) - University Giustino Fortunato

**Coronato Antonio** - University Giustino Fortunato

**Zaibb Ullah** - University Giustino Fortunato

*Optimal User Scheduling for Multi-User MIMO Systems using Artificial Intelligence Techniques*

**Spinelli Giovanni** (on line) - University Giustino Fortunato

**Guarini Rosella** - Institute of mechanics of the Bulgarian Academy of Sciences, Sofia

**Kotsilkova Rumiana** - Institute of mechanics of the Bulgarian Academy of Sciences, Sofia

**Evgheni Ivanov** - Institute of mechanics of the Bulgarian Academy of Sciences, Sofia

**Romano Vittorio** - University of Salerno

*Computational modeling in material science: the case study of a polymer-based heat sink*

**Zaib Ullah** (on line) - University Giustino Fortunato

**Muddasar Naeem** - University Giustino Fortunato

**Coronato Antonio** - University Giustino Fortunato

*Blockchain-assisted Secure Olive Product Supply Chain Management*



**Friday 27 January**

**9:30 A.M. – 11:30 A.M.**

**Panel I 9:30 A.M. – 11:30 A.M.**

**Digital transition and law**

**In presence:** Room 18

**In streaming:** <https://us02web.zoom.us/j/83265471676?pwd=MXpBamd6S05PS0hScEt5TU5WZWx Bdz09>

**Chair Silvia de Marco** – University Giustino Fortunato

Number of speakers: 8

**Chiola Giovanni** (online) – University of Naples Federico II

*The gray digital divide*

**D'Ambrosio Ida** (in presence) - University Giustino Fortunato

*Digital Platforms and Distortions of Competition*

**De Marco Silvia** (in presence) - University Giustino Fortunato

*AI and civil liability*

**Gravino Federico** (online) – University of Campania L. Vanvitelli

**Catholic Church and digital reality: new perspectives in the exercise of tria munera**

**Maggiolini Martina** (online) - University of Magna Grecia

*The digitization of health care services*

**Palumbo Paolo** (in presence) - University Giustino Fortunato  
*Digital transition and canonical process of nullity of marriage*

**Quiroga Rodríguez Elio** (online) – Mid Atlantic University  
*Public Electronic administration, the case study of Spain: problems and solutions*

**Garcia Quinonez Juan Carlos** (online) – University Complutense of Madrid  
*Artificial intelligence and labor relations: a study based on the spanish labor legal system*



**Friday 27 January**

**9:30 A.M. – 11:30 A.M.**

**Panel II 9:30 A.M. – 11:30 A.M.**

**The digital age of economy and finance**

**In presence:** Room 23

**In streaming:** <https://us02web.zoom.us/j/89046303073?pwd=alVjdk9rRFB-DNm5xZGZYY0tjY1IuUT09>

**Chair: Felice Petruzzella** - University Giustino Fortunato

Number of speakers: 9

**Cortese Flora** (in presence) - University Giustino Fortunato

**Mastroberardino Piero** – University of Foggia

**Calabrese Giuseppe** – University of Foggia

**Petracca Miriam** – University of Foggia

*Digital innovation and experiential tourism*

**Fiorino Mario** (online) - CNR

**Coronato Antonio** - Università Giustino Fortunato

**Naeem Muddasar** - Università Giustino Fortunato

*Safe Reinforcement Learning metric for nite discrete action-state space*

**Lucadamo Antonio** (in presence) – University of Sannio

**Greco Luca** - University Giustino Fortunato

*Digital transformation: an analysis across European Union*

**Petruzzella Felice** (in presence) - University Giustino Fortunato

**Antonio Salvi** - University of Torino

**Nicola Raimo** – University LUM

**Vitiana L'Abate** - University LUM

**Filippo Vitolla** - University LUM

*The impact of national culture on circular economy disclosure: an empirical analysis*

**Resce Massimo** (in presence) - INAPP

**Manente Francesco** – INAPP

*Digital innovation hubs (dih) in Europe: a comparison on strategic positioning*

**Rusciano Rosa Maria** (online) - University of Calabria

**Piluso Fabio** - University of Calabria

*The strategic value of Business Intelligence in the decision-making process and performance of companies*

**Sicoli Graziella** (online) - University of Calabria

**Rija Maurizio** - University of Calabria

**Ippolito Dominga Anna** - University of Calabria

*An empirical study of health Italy*

**Tretola Giancarlo** (in presence) - University Giustino Fortunato

*A Gamification Approach to Promote Positive Environmental Behaviors*

**Tretola Giancarlo** (in presence) - University Giustino Fortunato

**Di Gioia Giuseppe** - Università Giustino Fortunato

*Blockchain Certified Wine Production*



**Friday 27 January**

**9:30 A.M. – 11:30 A.M.**

**Panel III 9:30 A.M. – 11:30 A.M.**

## **New Digital Experiences in Psychology**

**In presence:** Room 24

**In streaming:** <https://us02web.zoom.us/j/88683186622?pwd=Vz-VJb0F6Y2ExNmZwZW9wQ1NGdm9KUT09>

**Chair:** Fabrizio Stasolla - University Giustino Fortunato

Number of speakers: 5

**Bernini Sara** (online) - IRCCS Mondino

**Gerbasi Alessia** - University of Pavia

**Panzarasa Silvia** - University of Pavia

**Quaglioni Silvana** - University of Pavia

**Tassorelli Cristina** – University of Pavia

**Vecchi Tomaso** - University of Pavia

**Bottiroli Sara** - University Giustino Fortunato

*Outcomes following a computer-based cognitive training (CoRe) in early phases of cognitive decline: A data-driven cluster analysis*

**De Fortuna Angelo Maria** (in presence) - University Giustino Fortunato

**De Luca Picione Raffaele** - University Giustino Fortunato

*The psychosocial impact of fake news on the web in the contemporary societies*

**Gabusi Daria Lucia** (in presence) - University Giustino Fortunato

*Democratic citizenship and illiteracy (instrumental, ethical-civil, religious, digital): educational challenges between the 20th and 21st centuries*

**Stasolla Fabrizio** (in presence) - University Giustino Fortunato

**Passaro Anna** - University Giustino Fortunato

**Di Gioia Maria Carla** - University Mercatorum

*The enhancement of social skills in children, adolescents and young adults with Autism Spectrum Disorders (ASD) through Extended Reality (XR) and combined the use of Telerehabilitation on parents and caregivers: A scoping review*

**Zullo Antonio** (in presence) – University Mercatorum

**Stasolla Fabrizio** - Università Giustino Fortunato

*Distance learning: implementation prospects in the post-covid period*



**Friday 27 January**

**11:45 A.M.– 02:00 P.M.**

**PANEL IV 11:45 A.M.– 02:00 P.M.**

**Digitalization and Law**

**In presence:** Room 18

**In streaming:** <https://us02web.zoom.us/j/83265471676?pwd=MXpBamd6S05PS0hScEt5TU5WZWxBdz09>

**Chair: Emiliano Marchisio** - University Giustino Fortunato

Number of speakers: 9

**Dalia Gaspare** (in presence) – University of Salerno

*Criminal investigations in the digital age: circulation of data and evidentiary relevance in the difficult balance between investigative needs and respect for fundamental rights*

**De Luca Eleonora** (online) - University of Calabria

*The digital gap in Italy: the new skills required*

**Di Carluccio Carmen** (in presence) - University of Campania L. Vanvitelli

*Work through the (distorting) mirror of technology. The health and safety risks for workers over the opportunities*

**Di Crescenzo Lucia** (in presence) – University of Salerno

*The circulation of "information" between investigative needs and protection of confidentiality*

**Maci Paolo** (in presence) - University Pegaso

*Connection in the digital age. Between digital divide and constitution*



**Marchisio Emiliano** (in presence) - University Giustino Fortunato  
*Artificial Intelligence and Predictive Justice*

**Orefice Andrea** (in presence) - University Giustino Fortunato  
*Artificial Intelligence in the legal sector: a necessary interaction between man and machine*

**Santoro Raffaele** - University of Campania L. Vanvitelli

**Fusco Gennaro** - University of Campania L. Vanvitelli

*Holy See and Digital techno-ethics: the Rome Call for Artificial Intelligence (AI) Ethics*

**Ucci Serena** (in presence) - University Giustino Fortunato

*The risk prevention models in digitized criminal compliance*



**Friday 27 January**

**11:45 A.M. – 02:00 P.M.**

**Panel V 11:45 A.M. – 02:00 P.M.**  
**Digitalization and Economy**

**In presence:** Room 23

**In streaming:** <https://us02web.zoom.us/j/89046303073?pwd=aVjdk9rRFB-DNm5xZGZYY0tjY1UUT09>

**Chair: Salvatore Forte** - University Giustino Fortunato

Number of speakers: 8

**Aura Caterina** (online) - University of Calabria

*New resources, measures and tools for the digital transition of the Public Administration*

**Ciaschi Antonio** (in presence) - University Giustino Fortunato

*Soft power, digital strategies and tourism promotion*

**De Andreis Federico** (online) - University Giustino Fortunato

**Comite Ubaldo** - University Giustino Fortunato

**Curcio Enza** - University Giustino Fortunato

**Sottoriva Federico Maria** - University Giustino Fortunato

*Training applications of Metaverse: possibilities and limitations*

**Forte Salvatore** (in presence) - University Giustino Fortunato

*A simulation model for financial reinsurance swap*

**García Chamizo Fernando** (online) – ESIC University, Spain

**Carrero Márquez Oliver** - ESIC University, Spain

**Berdasco Gancedo Yolanda** – UDIMA University of Madrid

*Luis Enrique, the coach-streamer who cut out the journalistic middleman on Twitch*

**Miracco Rosetta Pasqualina** (online) - University of Calabria

**Rubino Franco Ernesto** - University of Calabria

*New technologies and economic performance: resilience of innovative startups*

**Pompò Maria** (in presence) - University Giustino Fortunato

*The interdependence between knowledge, economic growth and digital technologies*

**Rusciano RosaMaria** (online) - University of Calabria

**Piluso Fabio** – University of Calabria

*Digital financial advice through robo-advisors: operational solutions and prospects for use*



**Friday 27 January**

**11:45 A.M. – 02:00 P.M.**

**Panel VI 11:45 A.M. – 02:00 P.M.**  
**Digital Transition and Communication**

**In presence:** Room 24

**In streaming:** <https://us02web.zoom.us/j/88683186622?pwd=Vz-VJb0F6Y2ExNmZwZW9wQ1NGdm9KUT09>

**Chair D'Angelo Francesca**- University Giustino Fortunato  
Number of speakers: 5

**De Simini Maria Concepcion** (in presence) - SSML International of Benevento

*Use of ict in higher education in the times of the coronavirus*

**Macías Borrego Manuel** (on line) – Autonomus University of Madrid  
*Artificial Intelligence and ICTs in ESL/EFL learning: towards a digital writing assessment*

**D'Angelo Francesca** (in presence) - University Giustino Fortunato  
*Investigating Quality, Productivity, and Cognitive Effort in Post-Editing of Machine Translated Texts*

**Mercurio Nicla** (online) – SSML International of Benevento  
*University Specialized terminology and subjective evaluation: craft beer between expert and non-expert judgment in French-language tasting apps*

**Pontis Annalisa** (in presence) – University of Salerno  
*Digital tools and didactic innovation in language teaching: web apps*

# Concise programme

**Thursday 26 January 2023**

09:00 A.M. - 09:30 A.M. **Institutional greeting**

09:30 A.M. - 11:30 A.M. **Panel I Digital Transition and Law**

09:30 A.M. - 11:30 A.M. **Panel II The Effects of Digitalization on Society**

11:45 A.M. - 02:00 P.M. **Panel III Digitalization and Law**

11:45 A.M. - 02:00 P.M. **Panel IV New Challenges in the AI Age**

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11:45 A.M. - 02:00 P.M. **Panel V Digitalization and Economy**

11:45 A.M. - 02:00 P.M. **Panel VI Digital Transition and Communication**



## Scientific Committee

**Prof. Ida D'Ambrosio, Giustino Fortunato University (Scientific Director)**

**Prof. Giuseppe Acocella, Giustino Fortunato University**

**Prof. Carolina Arrieta, Madrid Online University (UDIMA)**

**Prof. Pedro Aceituno, Madrid Online University (UDIMA)**

**Prof. Pierluigi Belvisi, UNINT University**

**Prof. Yolanda Berdasco, Madrid Online University (UDIMA)**

**Prof. Sara Bottirolì, Giustino Fortunato University**

**Prof. Dario Buzzelli, Giustino Fortunato University**

**Prof. Juan Jiménez Caldera, Córdoba University**

**Prof. Antonio Ciaschi, Giustino Fortunato University**

**Prof. Ubaldo Comite, Giustino Fortunato University**

**Prof. Antonio Coronato, Giustino Fortunato University**

**Prof. Fabrizio Corona, Giustino Fortunato University**

**Prof. Flora Cortese, Giustino Fortunato University**

**Prof. Federico De Andreis, Giustino Fortunato University**

**Prof. Raffaele De Luca Picione, Giustino Fortunato University**

**Prof. ssa Silvia de Marco, Giustino Fortunato University**

**Prof. Antonio Foderaro, Pontificia Facoltà Teologica dell'Italia Meridionale Sezione San Tommaso d'Aquino**

**Prof. Antonio Fuccillo, L. Vanvitelli Campania University**

**Prof. Paolo Garonna, LUISS Università**



**Prof. Luca Greco, Giustino Fortunato University**  
**Prof. Alessio Guasco, Giustino Fortunato University**  
**Prof. Paola B. Helzel, Calabria University**  
**Prof. Katia La Regina, Giustino Fortunato University**  
**Prof. José Manuel López, Isabel I University**  
**Prof. Ramona Mihaila, Dimitrie Cantemir Christian University**  
**Prof. Emiliano Marchisio, Giustino Fortunato University**  
**Prof.ssa Elvira Martini, Giustino Fortunato University**  
**Prof. Paolo Palumbo, Giustino Fortunato University**  
**Prof. Oriana Palusci, SSML Internazionale**  
**Prof. Felice Petruzzella, Giustino Fortunato University**  
**Prof. Maria Pompò, Giustino Fortunato University**  
**Prof. Francesco Romeo, Federico II University of Naples**  
**Prof. Antonio Salvi, Torino University**  
**Prof. Raffaele Santoro, L. Vanvitelli Campania University**  
**Prof. Giovanni Spinelli, Giustino Fortunato University**  
**Prof. Fulvia Staiano, Giustino Fortunato University**  
**Prof. Fabrizio Stasolla, Giustino Fortunato University**  
**Prof. Giovanni Tarantino, Salento University**

## **Organisational Secretariat**

**Ariana Veronica Fajardo Rodriguez, Professor of Culture and Society of Spanish speaking countries, SSML Internazionale**



