



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-qk55vk7wjgzg3pmlxh59rv5dlgewd9jem5nrt4w>

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-qk55vk7wjgzg3pmlxh59rv5dlgewd9jem5nrt4w>

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

In streaming: <https://us02web.zoom.us/j/81117293358?pwd=UkEySmbc1-qk55vk7wjzgz3pmlxh59rv5dlgewd9jem5nrt4w>

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



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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 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 Bottioli, 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
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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



