

**DANUBIUS UNIVERSITY OF GALATI, ROMANIA  
UNIVERSITY OF RUSE “ANGEL KANCHEV”, BULGARIA  
ALEKSANDER MOISIU UNIVERSITY OF DURRES, ALBANIA  
TRANSILVANIA UNIVERSITY OF BRASOV, ROMANIA**

# **P R O G R A M**

**Digital Challenge Scientific Session 2023  
1<sup>st</sup> Edition**

**GALATI  
October 21-22<sup>th</sup>, 2023**





## **THE INTERNATIONAL CONFERENCE Digital Challenge 2023**

The International Conference Digital Challenge 2023 - “Digital Innovation for a Sustainable Future” is an event organized as part of the Digital Challenge competition, which focuses on the presentation and discussion of papers and research in the field of technology and computer science. During the scientific session, participants have the opportunity to present their projects, studies and findings to an audience of experts, professionals and other participants.

This Conference provides an environment conducive to sharing knowledge, receiving feedback and stimulating debate and collaboration between researchers and technology enthusiasts.

Participants can present papers and research in various subfields of technology and computer science, such as artificial intelligence, cyber security, software development, computer networks, big data, the Internet of Things, and more. These presentations can be in oral or poster format. The Digital Challenge science session offers participants the opportunity to improve their science communication skills, receive recognition for their work, and network with technology professionals and researchers.

It is an important time when participants can present and promote their innovations and discoveries and contribute to the advancement of IT knowledge and technologies.

The organizers are looking for original papers, previously unpublished, not currently under review by another conference or journal, addressing state-of-the-art research and development in the following areas:

1. *Artificial intelligence and cyber-security;*
2. *Challenges and perspectives for education in the Digital Era;*
3. *E-Health;*
4. *Contemporary digital Development (E-government, virtual globalization (Management, Economics, Law)), Contemporary Humanity Behaviors in Digital Era (Psychology, Sociology, etc.);*
5. *The impact of digitization and AI in the aerospace field.*



## **PARTNERS**

*Brasov County Council, Chamber of Commerce and Industry of Brasov in Romania*





## **ORGANIZING TEAM**

### **General Co-Chairs**

[Andy Pusca](#), Danubius University, Romania

[Juliana Popova](#), University of Ruse “Angel Kanchev”, Bulgaria

[Desislava Atanasova](#), University of Ruse “Angel Kanchev”, Bulgaria

[Kseanela Sotirofski](#), Aleksander Moisiu University of Durres, Albania

### **Conference Manager**

[Beteringhe Adrian](#), Danubius University of Galati, Romania

### **Track Directors**

[Florin Postolache](#), Danubius University, Romania, Romania

[Beteringhe Adrian](#), Danubius University of Galati, Romania

[Filip Stanciu](#), Danubius University, Romania

[Iulian Nicusor Arama](#), Danubius University in Galati, Romania

[Daniela Litan](#), Hyperion University and PHD Candidate in Psychology at the West University of Timisoara, Romania

### **Publication Co-Chairs Registration Co-Chairs**

[Andrei Tatulici](#), Danubius University, Romania

[Gabriela Adina Margarit](#), Danubius University, Romania

### **Publication Co-Chairs**

[Oana Draganescu](#), Danubius University, Romania

[Mioara Lepadatu](#), Danubius University, Romania



## **Finance Co-Chairs**

[Violeta Enache](#), Danubius University, Romania

## **Technical Co-Chairs**

[Constantin Lepadatu](#), Danubius University, Romania

[Lucian Panait](#), Danubius University, Romania

[Ionut Ichim](#), Danubius University, Romania

## **Web Masters**

[Adrian Orzechowski](#), Danubius University, Romania

## **Conference Representatives and Secretary**

[Gabriela Adina Margarit](#), Danubius University, Romania



## **GALATI, October 21-22, 2023**

### **Saturday 21.10.2023**

Live broadcast

Braşov - Coresi district - IAR 80 Hall

and online

Danubius University from Galati

#### **10<sup>00</sup>-12<sup>00</sup> PLENARY SESSION**

**10.<sup>00</sup>-10.<sup>15</sup>**

**Dragoş Tohănean**

*(University Staff / Organization Committee Member)*

*Digital Challenge in Romania*

**10.<sup>15</sup>-10.<sup>45</sup>**

**Bodan Pătru**

*(Government Segment Lead, Mastercard Romania and Croatia)*

*Digitization at societal level. Digitization of Public Administration*

**10.<sup>45</sup>-11.<sup>00</sup>**

**Alexandra Chivu**

*(ADR Vice-president)*

*Digitization at societal level. Digitization of Public Administration*

**11.<sup>00</sup>-11.<sup>30</sup>**

**Dragoş C. L. Preda**

*(Polyseum Foundation Ambassador Min State Sec for Telco 2020-2021*

*CEO RADIOCOM 2021-2022)*

*V2X Mobility – Smart Communities between Cyber Security, Critical Infrastructure & AI*



**11.<sup>30</sup>-12.<sup>00</sup>**

**Corneliu-Andy Pușcă**

*(Assoc. Prof. PhD Corneliu and the President of the Board of Administration of the Danubius University of Galati)*

*Hybrid education tools in the digital era*

**12.<sup>00</sup>-12.<sup>30</sup>**

**PANEL: THE IMPACT OF DIGITALIZATION AND AI IN THE AEROSPACE FILD**

**Link: Join Zoom Meeting**

<https://zoom.us/j/94391896463?pwd=N2VJakprSTduSnZjenVkNHhEZG1wUT09>

**Meeting ID: 943 9189 6463**

**Passcode: 954234**

**Chair: Assoc. Prof. PHD Adrian Beteringhe**

**12.<sup>00</sup>-12.<sup>15</sup>**

**Andreea Manuela Ureche**

*(Danubius University of Galati – Danubius College of Galati)*

*Cyber Security. Protecting the Digital World*

**12.<sup>15</sup>-12.<sup>30</sup>**

**Robert Adrian Ureche**

*(Danubius University of Galati – Faculty of Behavioral and Applied Sciences)*

*Artificial Intelligence: A Journey into the World of Intelligent Computing*





**Sunday 22.10.2023**

Live broadcast

Braşov - Coresi district - IAR 80 Hall  
and online

Danubius University from Galati

**10.<sup>00</sup>- 15.<sup>00</sup> PANEL: E-Health**

**Link: Join Zoom Meeting**

<https://zoom.us/j/97704620994?pwd=dnBBUzY3dlp4czNURjhaMlBpZytTZz09>

Meeting ID: 977 0462 0994

Passcode: 925644

**Chair: Assoc. Prof. PHD Iulian-Nicuşor Aramă**

*10.<sup>00</sup>-10.<sup>15</sup>*

**Adrian Beteringhe**

*(Assoc. Prof. PHD at Danubius University of Galati – Head of Informatics and Social Assistance Department - Faculty of Behavioral and Applied Sciences)*

*Modern Bioinformatics and the connection with medicine*

**PANEL: Artificial intelligence and cyber-security**

**Link: Join Zoom Meeting**

<https://zoom.us/j/97704620994?pwd=dnBBUzY3dlp4czNURjhaMlBpZytTZz09>

Meeting ID: 977 0462 0994

Passcode: 925644

**Chair: Senior Lecturer PHD Florin Postolache**

*10.<sup>15</sup>-10.<sup>30</sup>*

**Florin Postolache**

*(Senior Lecturer PHD at Danubius University of Galati – Faculty of Behavioral and Applied Sciences)*

*Education awareness in cybersecurity: challenge, perspectives and solutions*



**10.<sup>30</sup>-10.<sup>40</sup>**

*Short break*

**PLENARY SESSION**

**10.<sup>40</sup>-11.<sup>10</sup>**

**Florina Pînzaru**

*(University Prof. PHD and Dean of the Faculty of Management within SNSPA - Management, Marketing and Management of digital transformation and the adoption of sustainability)*

*Managing digital transformation and sustainability adoption*

**11.<sup>10</sup>-11.<sup>40</sup>**

**Petru Nechifor Moraru**

*(Deputy Executive Director, Project Management Directorate, Braşov County Council)*

*E-governance in local public administration - the experience of CJ Braşov*

**11.<sup>40</sup>-12.<sup>10</sup>**

**Adrian Beteringhe**

*(Assoc. Prof. PHD at Danubius University of Galati – Head of Informatics and Social Assistance Department - Faculty of Behavioral and Applied Sciences)*

*Bioinformatics tools in genetic sequencing*

**PANEL: Contemporary digital Development (E-government, virtual globalization (Management, Economics, Law)), Contemporary Humanity Behaviors in Digital Era (Psychology, Sociology, etc.)**

**Link: Join Zoom Meeting**

<https://zoom.us/j/97704620994?pwd=dnBBUzY3dlp4czNURjhaMlBpZytTZz09>



**Meeting ID: 977 0462 0994**

**Passcode: 925644**

**Chair: Senior Lecturer PHD in Economics Informatics at Hyperion University of Bucharest and PHD Candidate in Psychology at The West University of Timisoara, Daniela-Elena Lițan**

**12.<sup>10</sup>-12.<sup>25</sup>**

**Silvia-Daniela Pohrib**

*(President of the "Support Center Region" Association)*

*and*

**Mircea Boscoianu**

*(Prof. PHD at Transilvania University of Brasov)*

*The Role of Advanced Artificial Intelligence Technologies in Business: Benefits, Uses and Associated Risks*

**12.<sup>25</sup>-12.<sup>40</sup>**

**Dragoș Tohănean**

*(University Staff / Organization Committee Member)*

*and*

**Denisa Tohănean**

*(University Staff / Organization Committee Member)*

*Innovation check-ups: Psychological factors of a successful digital transformation (Business Model innovation)*

**12.<sup>40</sup>-12.<sup>55</sup>**

**Daniela-Elena Lițan**

*(Senior Lecturer PHD in Economics Informatics at Hyperion University of Bucharest and PHD Candidate in Psychology at The West University of Timisoara)*

*"Digital Profile" - a tool in predicting and improving mental health?*

**PANEL: Challenges and perspectives for education in the Digital Era**

**Link: Join Zoom Meeting**



<https://zoom.us/j/97704620994?pwd=dnBBUzY3dlp4czNURjhaMlBpZytTZz09>

Meeting ID: 977 0462 0994

Passcode: 925644

Chair: Assoc. Prof. PHD Filip Stanciu

*12.<sup>55</sup>-13.<sup>10</sup>*

**Filip Stanciu**

*(Assoc. Prof. PHD and Vice-Rector of Danubius University of Galati)*

*The imperatives of education in higher education in the era of deglobalization*

*13.<sup>10</sup>-13.<sup>25</sup>*

**Valerian Antohe**

*(Senior Lecturer PHD at Danubius University of Galati – Faculty of Behavioral and Applied Sciences)*

*Coming back to reading to re-discover the science*

*13.<sup>25</sup>-13.<sup>40</sup>*

**Lidia Stanciu**

*(Senior Lecturer PHD at Danubius University of Galati – Danubius College of Galati)*

*Steps in the process of teaching and learning in the digital era. Case study: Didactics of history*

*13.<sup>40</sup>-14.<sup>00</sup>*

*Short Break*

*14.<sup>00</sup>-14.<sup>30</sup>*

*Awarding the winners of the 2023 Digital Challenge Competition*

**14.<sup>30</sup>-15.<sup>00</sup>**

**Closing Session**

**Thank you for attending**

**DCSS 2023 International Conference!**