Third International Scientific Conference

# Digital Transformation, Cyber Security and Resilience

## DIGILIENCE'2021

Veliko Tarnovo, capital of Bulgaria, XII – XIV Century
29 Sep – 1 Oct 2021

In the times of the Covid-19 pandemics, industries, public services, conflict, healthcare, leisure and social interaction increasingly depend on digital infrastructures and online information. Many new solutions are launched without proper concern for security, data protection, and resilience.

In the strive for competitive positioning, developers and users often underestimate safety and security considerations, which in turn provides ample opportunities for exploitation by malicious actors.

The series of DIGILIENCE conferences, the first of which took place in Sofia, 2-4 October 2019, aims to establish the state of the art and future demands in the provision of security and resilience of processes, services and systems that are heavily reliant on information technologies. Of particular interest are studies that examine systems in their interdependence or place their operation in a human or wider policy contexts, as well as evidence-and data-based studies and presentations of the respective datasets.

With these aims in mind, the Steering Committee of DIGILIENCE 2021 invites original contributions to addressing the following themes:

- Cyber Security Situational Awareness
- AI for Cyber and Cyber for AI
- Operations in Cyberspace
- ICT Governance for Effectiveness, Efficiency and Resilience
- The Human Factor in Cyber Security and Resilience
- Education and Training, Development of Critical Digital Competencies for Transformation
- Cyber Resilience of Industry 4.0
- Protecting Critical Infrastructures from Cyberattacks
- Cybersecurity of Biophysical and Biomedical Systems
- Societal Resilience to Cybrid Influence
- Digital Organizations in Big Data Environment
- Sharing Data in Support of Digital Transformation

All submitted papers will be reviewed by at least three subject matter experts in a double-blind peer review process.

## Steering Committee Co-Chairs

Prof. Todor Tagarev, Institute of ICT, Bulgarian Academy of Sciences
Col. Dr. Nikolai Stoianov, Bulgarian Defence Institute
Dr. Vasilis Katos, Bournemouth University, UK

## Expected audience

The call for papers will be disseminated to relevant structures of the European Commission, the European Defence Agency, panels and research task groups of NATO's Science and Technology Organization, NATO Communication and Information Agency, EU project consortia, universities and research institutes. We expect contribution from key Bulgarian cybersecurity policy makers, and will invite the leading practitioners from Bulgaria's ministries of interior and defence, the State Agency "e-Government" and the BG CERT, and other agencies with key responsibilities for cyber security and resilience.

## Publication

Information & Security

Accepted papers will be published in one or more special issues of Information & Security: An International Journal, https://infosec-journal.com/, and each registered participant will receive a hard copy at the conference

Communications in Computer and Information Science
Springer

Authors of papers, presented at the conference, will be invited to submit an amended version for publication of a volume in the Springer series "Communications in Computer and Information Science" (final approval pending, 2019 SJR 0.188)

European Data Quarterly

Data papers will be published in European Data Quarterly, http://dataquarterly.eu/

## Registration fees

- 150 Euro per participating author for registrations prior to September 5, 2020
- 200 Euro for registrations after that date or at the conference venue
- 80 Euro for registration of a second author of an accepted paper and participants without a paper

The registration fee covers presentation of up to two papers per registered author, a hard copy of each conference-related special issue of *Information & Security: An International Journal*, coffee breaks and lunches during the conference, and a seat at the official dinner with a traditional folk programme.

## Important dates

Submission of full text:        10 June 2021
Notification of acceptance:  10 July 2021
Submission of final version:  30 July 2021

For inquiries: office@digilience.org
For detailed information please visit the conference website:  https://digilience.org

## Co-organizers

Institute of ICT, Bulgarian Academy of Sciences

IICT

Bulgarian Defence Institute "Prof. Tsvetan Lazarov"

DEFENCE INSTITUTE

ESI | European Software Institute
Center Eastern Europe

National Military University "Vasil Levski"

1878 г.
НВУ В.ЛЕВСКИ
БА