

Fourth International Scientific Conference

# DIGILIENCE 2022

Digital Transformation, Cybersecurity, and Resilience

SEPTEMBER 28-30, 2022 | PLOVDIV, BULGARIA

## IMPORTANT DATES

- **15.05.2022** – Full text submissions.
- **12.06.2022** – Notification of acceptance
- **17.07.2022** – Submission of Final Version
- **28-30.09.2022** – Conference

## ABOUT THE CONFERENCE

In today's interconnected world, industries, communication, key infrastructure, and essential services are primarily digitally dependent, especially against the backdrop of the ongoing COVID-19 pandemic, and the subsequent large-scale shift towards remote operations. Meanwhile, new systems are frequently deployed without sufficient security, data protection, or resilience concern. In their quest for competitive advantage, developers and consumers frequently overlook safety and security considerations, leaving malevolent actors plenty of possibilities to attack.

DIGILIENCE is an annual conference, organized since 2019, which aims to establish the state of the art and future demands in the provision of security and resilience of ICT-intensive processes, services, and systems. 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.

ORGANIZE

D BY:



European Software Institute  
– Center Eastern Europe



Institute of ICT,  
Bulgarian Academy of Sciences



Bulgarian Defense Institute  
“Prof. Tsvetan Lazarov”

# DIGILIENCE 2022: CALL FOR PAPERS

The call for papers for DIGILIENCE 2022 is now open! We are looking forward to receiving **original contributions**, presenting advances or research reports in the theory, design, implementation, analysis, verification, or empirical evaluation and measurement of secure and resilient systems. Topics of interest include but are not limited to:

- Cybersecurity Situational Awareness.
- AI for Cybersecurity and Cybersecurity for AI.
- Operations in Cyberspace.
- Cryptography for Cybersecurity and Resilience.
- Governance for Effective, Efficient, and Resilient Operations and Networks.
- The Human Factor in Cybersecurity and Resilience.
- Developing Critical Digital Competencies.
- Cyber Resilience of IoT Systems and Industry 4.0.
- Protecting Critical Infrastructures from Cyberattacks.
- Cybersecurity of Biophysical and Biomedical Systems.
- Resilience to Cyber/Hybrid Influence.
- Digital Organizations in Big Data Environment.
- Sharing Data in Support of Digital Transformation.

Accepted papers will be published in one or more dedicated issues of [Information and Security: An International Journal](#) and each registered participant will receive a hard copy at the conference.

Authors of papers, presented at the conference, will be invited to submit an amended version for publication in a volume of the [Springer series "Communications in Computer and Information Science"](#). Data papers will be published in [European Data Quarterly](#).

**DIGILIENCE 2022 accepts only original works.** It is understood that submitted articles have not been previously published and are not currently under review for publication elsewhere. Manuscripts are checked for plagiarism, and self-plagiarism, and are reviewed by at least three reviewers for significance and scholarlyness.

For detailed submission guidelines, deadlines, submission templates, and further details, please visit the official website of the conference at [www.digilience.org](http://www.digilience.org).

## STEERING COMMITTEE CO-CHAIRS

- **Dr. George Sharkov**, ESI CEE
- **Prof. Todor Tagarev**, Institute of Information and Communication Technologies, BAS
- **Col. Dr. Nikolai Stoianov**, Bulgarian Defense Institute
- **Dr. Vasilis Katos**, Bournemouth University, UK

## EXPECTED AUDIENCE

The current call for papers will be disseminated to relevant structures of the European Commission in the European Defense Agency, panels, and research task groups of NATO's Science and Technology Organization, NATO Communication and Information Agency, EU project consortia, and leading universities and research centers. We expect contributions from key Bulgarian cybersecurity policy-makers, and will invite leading practitioners from Bulgaria's ministries of interior and defense, the State Agency "e-Government", and the BG CERT, as well as other agencies with key cybersecurity responsibilities. Doctoral students and young researchers in information security, cybersecurity, and military sciences are also welcome to DIGILIENCE 2022.

## REGISTRATION FEES

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

- 150 EUR. Early-Bird Registration (before Aug 31, 2022).
- 200 EUR. Registrations After Sept. 1, 2022.
- 80 EUR. Registration for a Second Author.

All prices are per participating author and are without VAT.

## CONFERENCE SPONSORS

We extend our sincere gratitude to our sponsors for their trust and continuous collaboration!

If you would like to join us as a sponsor and become a driving force of one of the biggest scientific cybersecurity events in the Balkan region, visit [www.digilience.org/sponsors](http://www.digilience.org/sponsors)

