

**CALL FOR PAPERS**  
**CASCON x EVOKE 2021**  
**“Intelligent Systems and Software”**

November 22-26, 2021

Everywhere on Earth

<http://www.cascon.ca>

CASCON x EVOKE is the premier industrial and academic conference for advanced studies in computer science and software engineering sponsored by the IBM Canada Laboratory. CASCON x EVOKE attracts software developers, researchers, innovators, technologists and decision makers from academia, industry, and government, who come together to learn about technology trends, present papers, participate in workshops, and exhibit prototypes and solutions. The conference program features thought-provoking keynotes, original research papers, stimulating workshops, and an engaging technology expo. Conference proceedings are published in the ACM Digital Library.

## Topics

We invite high quality submissions of regular (10 pages) and short (6 pages) papers describing original and unpublished results. We welcome submissions addressing topics across the full spectrum of intelligent systems and software but not limited to:

### **Cognitive/AI Systems**

- Computer vision
- Intelligent chatbots / robotics
- Neuro-symbolic AI
- Decision Support Systems (DSS)
- Automation with AI and ML

### **Security and Privacy**

- Blockchain and cryptography
- Cybersecurity
- Cyber-Physical Systems (CPS)
- Digital privacy, policy, and trust

### **Decentralized Systems**

- Distributed systems and services
- DevOps tools and frameworks
- Intelligent autonomous systems
- Connected software and compilers
- Adaptive software and systems

### **Big Data Systems**

- Data science and AI
- DataOps
- Data lake
- Business Intelligence (BI)
- Intelligent query processing

### **Emerging Technologies**

- Hybrid cloud
- Quantum Computing (QC)
- Internet of Things (IoT)
- Edge computing
- Hardware accelerator systems
- Wearable connected systems
- Unmanned Autonomous Vehicles (UAV)
- Mixed Reality (MR)
- Digital Twins (DT)

### **Human Factors and Society**

- Social media analytics
- Smart cities
- Fintech and smart commerce
- Smart and connected healthcare
- Smart environment
- Supply chain
- Smart grid and energy

### **Communication Systems**

- Mobile communication
- Software Defined Networks (SDN)
- Collaborative systems
- Interactive games
- 5G Networks

## Important Dates

Abstract submission:	Tuesday, June 1, 2021
Paper submission:	Tuesday, June 8, 2021
Notification of acceptance:	Tuesday, August 10, 2021
Camera-ready papers:	Tuesday August 31, 2021

## Paper Types

CASCON x EVOKE 2021 calls for two types of research papers.

- **Regular papers** – Original research papers at most 10 pages long.
- **Short papers** – Work in progress with some validation results, experience reports, new ideas and visionary papers based on supporting theory or evidence, and application papers at most 6 pages long.

CASCON x EVOKE 2021 will not accept submissions that have been previously published, are in press, or have been submitted elsewhere. We encourage interdisciplinary research papers. Accepted papers will be included in the conference proceedings published in the ACM Digital Library.

## Best Paper Awards

*Best Paper* and *Best Student Paper* awards will be given to recognize the best technical contributions of the event in terms of originality, clarity, and potential impact. To be eligible for the Best Student Paper award, the primary author of the paper and contributor of the work must have been a student(s) at the time the work was done.

## Paper Submission Instructions

Submissions are made via [EasyChair](#) and must be in the double column standard ACM format for conference proceedings. All types of papers should strictly follow the page limit constraint to be considered as eligible for review. The defined page limit should include the paper, figures, tables, and references. The steps for submitting a paper are as follows.

- Visit [EasyChair](#) at <https://easychair.org/conferences/?conf=casconxevoke2021>.
- After logging in, click on [make a new submission](#) to submit your paper.
- All authors should use the official “ACM Master article template”, which can be obtained from [the ACM Proceedings Template pages](#). Latex users should use the “sigconf” option, as well as the “review” (to produce line numbers for easy reference by the reviewers).

If you have any questions, please contact: [casconxevoke2021@easychair.org](mailto:casconxevoke2021@easychair.org).

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