ICCASA
Context-Aware Systems and Applications

Call for Papers

Vung Tau, Vietnam
26- 27th November 2015
http://iccasa.org/2015

HIGHLIGHTS

- The event is endorsed by the European Alliance for Innovation, a leading community-based organization devoted to the advancement of innovation in the field of ICT
- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries
- Proceedings will be submitted for indexing by Google Scholar, ISI, EI Compendex, Scopus and many more

The ICCASA 2015 jointly organized by EAI, Nguyen Tat Thanh University (NTTU), and Ba Ria-Vung Tau University (BRVTU) is a place for highly original ideas about how context-awareness is going to shape networked computing systems of the future. Hence, it focuses on rigorous approaches and cutting-edge solutions which break new ground in dealing with the properties of context-awareness. Its purpose is to make a formal basis more accessible to researchers, scientists, professionals and students as well as developers and practitioners in ICT by providing them with state-of-the-art research results, applications, opportunities and future trends.

SUBMISSION GUIDELINES:

There are two options for the submissions, either a full paper or a short paper. We decided to allow the submission of short papers in order to accommodate the most recent research outcomes. All papers must be submitted electronically in PDF format via the paper management system CONFY using the link on conference web site. The submissions should be formatted with single-spaced, single-column pages using on A4 or letter pages in Springer LNICST style format. The maximum number of pages is 10 for full papers. Authors should submit a 4-page single-column manuscript for short papers. The camera-ready version of an accepted full (short) paper cannot exceed 10 (4) pages. Detailed formatting and submission instructions will be available on the conference web site. All accepted papers will appear in Springer LNICST proceedings only if at least one of the authors attends to present the paper.

PUBLICATION

Official conference proceedings of ICCASA 2015 will appear in the Lecture Notes of ICST (LNICST) series jointly published by ICST and Springer and indexed in DBLP, Google Scholar, ISI Proceedings, EI, CrossRef and Zentralblatt Math.

All papers, but particularly those nominated for the Best Paper competition, will be automatically considered for publication in an expanded form in the special issues of **ELSEVIER Future Generation Computer Systems (FGCS) Journal** (indexed in SCIE), **ACM/Springer Mobile Networks and Applications (MONET) journal** (indexed in SCIE) and **EAI endorsed Transactions on Context-Aware Systems and Applications**

WORKSHOP/DEMO/POSTER/ TUTORIAL/INDUSTRY TRACK PROPOSALS

Proposals for workshops, demos, industry track and tutorials are solicited – please contact at **iccasa@ntt.edu.vn**

IMPORTANT DATES

Workshop proposals due:
01/04/2015

Tutorial/Industry track proposal deadline:
06/06/2015

Demo/Poster proposal deadline:
06/06/2015

Submission deadline:
31/07/2015

Notification of acceptance:
31**/08/2015**

Camera-ready deadline:
01/10/2015

Original papers are solicited for the ICCASA 2015. In particular, theoretical contributions should be formally stated and justified, and practical applications should be based on their firm formal basis. Suggested topics include, but are not limited to, the following:

Fundamentals of Context-aware systems:

- Context-aware models
- Context-aware control
- Context-aware algorithms
- Context-aware networks
- Context-aware computing
- Context-awareness calculi
- Context-awareness representation
- Context-awareness-based systems
- Logic in context-awareness
- Context-awareness reasoning
- Formal methods of context-awareness
- Context-awareness-based optimization and swarm Intelligence
- Knowledge-based awareness

Context-aware Systems:

- Routing, transport, and reliability issues of context-aware systems
- Techniques for data dissemination and replication in context-aware systems
- Applications and middleware support, mobile social networking applications
- Mobility models and statistical analysis of mobility traces
- Context and social awareness mechanisms and algorithms
- Co-existence of opportunistic networks with infrastructure mobile wireless networks
- Service composition in autonomic and opportunistic networks
- Cognition-driven information processing and decision making
- Performance modeling, scaling laws, and fundamental limits for autonomic and opportunistic communications
- Game-theoretic insights to the operation of autonomic and opportunistic networks
- Participatory and urban sensing in autonomic and opportunistic networks
- Trust, security, and reputation
- Autonomic and opportunistic communication testbeds and prototypes, measurement data from real experiments
- Socio-economic models for autonomic and opportunistic communications

Context-aware Technologies:

- Context-aware information retrieval
- Context-aware profiling, clustering and collaborative filtering
- Machine learning for context-aware information retrieval and ontology learning
- Context-aware e-learning/tutoring
- Ubiquitous and context-aware computing
- Use of context-aware technologies in UI/HCI
- Context-aware advertising
- Recommendations for mobile users
- Context-awareness in portable devices
- Context-aware services
- Social Agents and Avatars
- Emotion and Personality
- Virtual Humans
- Autonomous Actors
- Awareness-based Animation
- Social and Conversational Agents
- Inter-Agent Communication
- Social Behavior
- Crowd Simulation
- Understanding Human Activity
- Memory and Long-term Interaction

General Chair:
Phan Cong Vinh, NTTU, Vietnam
TPC Chairs:
Truong My Dung, BRVTU, Vietnam
Nguyen Thanh Tung, HNVNU, Vietnam
Panels & Keynotes Committee Chair:
Ngo Van Luoc, BRVTU, Vietnam
Demos & Tutorials Committee Chair:
Bach Long Giang, NTTU, Vietnam
Marketing & Publicity Committee Chairs
Hoang Ngoc Thanh, BRVTU, Vietnam
Nguyen Thanh Binh, HCMUT, Vietnam
Local Arrangements Committee Chairs:
Le Quoc Loi, BRVTU, Vietnam
Do Nguyen Anh Thu, NTTU, Vietnam
Industry Forum Committee Chairs:
Truong My Dung, BRVTU, Vietnam
Tran Thi Nhu Thuy, NTTU, Vietnam
Web Chair:
Thai Thi Thanh Thao, NTTU, Vietnam

Endorsed and Organized by

EAI | European Alliance for Innovation

Empowering societies to achieve their mission and increase their visibility

Co-organized and Sponsored by

Technical Sponsors

CREATE-NET

NAFOSTED
National Foundation for Science & Technology Development

Springer