



### 3<sup>rd</sup> Special Session:

## Intelligent Software and Knowledge Representation (IS-KR)

<http://kse2017.dhsphue.edu.vn/Default.aspx>

### Introduction

Nowadays there are many practical applications in Artificial Intelligence and the Internet. The Intelligent Software have been created to better serve the increasing needs of the people. These kinds of software have been applied in a wide range of areas such as Expert Systems, Intelligent Problems Solver, Decision Support Systems and another Intelligent Systems. Knowledge Representation (KR) and Reasoning are exciting and well-established fields of research in Intelligent Software. KR is key drivers of innovation in computer science. In recent years, KR has also derived challenges from new and emerging fields including the semantic web, computational biology, and the development of software agents.

This special session aims to bring together researchers and developers with all these different backgrounds to discuss and exchange new ideas and the latest achievements in building Intelligent Software and methods for KR.

Relevant topics include, but are not limited to, the following:

- Intelligent Problem Solvers
- Decision Support Systems
- Artificial Intelligence Techniques on Software Engineering, and Requirement Engineering
- Semantic Web
- Intelligent Agents
- Intelligent software in education, medical, management, business, ...
- Expert Systems
- Machine learning
- Computer Vision and Pattern Recognition
- Methods and Tools for KR
- Ontology Engineering
- Automated reasoning
- Knowledge Acquisition
- Knowledge-based systems
- Logic programming

### Session Organizers

- **Ali Selamat**, *Universiti of Teknologi Malaysia*
- **Nhon V. Do**, *University of Information Technology, Vietnam*
- **Bao Pham**, *University of Science, Vietnam*

### Important Dates

- **Paper submission: May 16, 2017**
- **Notification: July 30, 2017**
- **Final camera-ready: August 15, 2017**

### Paper Submission

The papers of this session will be printed in proceeding of main conference. The proceedings will be published by IEEE and be available at the conference.

Papers should be submitted through the EasyChair conference submission system:

- Sign in EasyChair: <http://www.easychair.org/conferences/?conf=kse2017>
- Select Session: **Intelligent Software and Knowledge Representation**

Authors are invited to submit papers of up to **6 pages**, written in English, in PDF format and compliant with the IEEE standard. The submissions will be peer-reviewed for originality and scientific quality.

([http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)).

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