

The IEEE/ACM Automated Software Engineering (ASE) Conference series is the premier research forum for automated software engineering. Each year, it brings together researchers and practitioners from academia and industry to discuss foundations, techniques and tools for automating the analysis, design, implementation, testing, and maintenance of large software systems. In 2015, ASE will be celebrating its 30<sup>th</sup> year as a premier venue for novel work in software automation. ASE 2015 invites high quality contributions describing significant, original, and unpublished results. Solicited topics include, but are not limited to:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Automated reasoning techniques       | <input type="checkbox"/> Maintenance and evolution                      | <input type="checkbox"/> Program transformation           |
| <input type="checkbox"/> Component-based systems              | <input type="checkbox"/> Software testing, verification, and validation | <input type="checkbox"/> Re-engineering                   |
| <input type="checkbox"/> Computer-supported cooperative work  | <input type="checkbox"/> Software visualization                         | <input type="checkbox"/> Requirements engineering         |
| <input type="checkbox"/> Configuration management             | <input type="checkbox"/> Model-driven engineering                       | <input type="checkbox"/> Specification languages          |
| <input type="checkbox"/> Data mining for software engineering | <input type="checkbox"/> Open systems development                       | <input type="checkbox"/> Software Analysis                |
| <input type="checkbox"/> Domain modeling and meta-modeling    | <input type="checkbox"/> Product line methods                           | <input type="checkbox"/> Software architecture and design |
| <input type="checkbox"/> Empirical software engineering       | <input type="checkbox"/> Program understanding                          | <input type="checkbox"/> Model-based software development |
| <input type="checkbox"/> Human-computer interaction           | <input type="checkbox"/> Program synthesis                              | <input type="checkbox"/> Model transformations            |
| <input type="checkbox"/> Knowledge acquisition and management |   | <input type="checkbox"/> Modeling language semantics      |

Three categories of submissions are solicited (in IEEE format):

1. **Technical Research Papers** should describe innovative research in automating software development activities or automated support to users engaged in such activities. (Max 10 pages + 2 pages references)
2. **Experience Papers** should describe a significant experience in applying automated software engineering technology and should carefully identify and discuss important lessons learned. (Max 10 pages + 2 pages references)
3. **New Ideas Papers** should describe novel research directions in automating software development activities or automated support to users engaged in such activities. (Max 6 pages).

#### Important Dates

Abstract submission: May 8, 2015,  
Paper submission: May 15, 2015,  
Author Notification: July 20, 2015

Tool Demos: July 23, 2015  
Workshop Proposals: April 24, 2015  
Tutorials: June 1, 2015  
Doctoral Symposium: June 26, 2015

**Location: Lincoln, Nebraska – Population, 315,000** Lincoln is the state capital and second largest city in Nebraska. Home to dozens of small to medium sized tech companies and growing, locally known as the Silicon Prairie Lincoln is set to be a unique location for ASE. Conveniently situated in the middle of the US, it is easily reached from multiple international hubs such as: Chicago, Denver, Minneapolis and Newark.

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