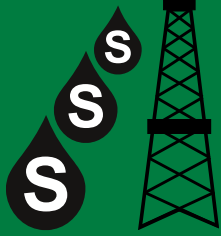# 17th International Symposium on Stabilization, Safety, and Security of Distributed Systems (SSS 2015)
Edmonton, Canada
18-21 August 2015

sss15.cs.ualberta.ca

The Symposium on Stabilization, Safety, and Security of Distributed Systems is an international forum for researchers and practitioners working on the design and development of distributed systems that guarantee specific desired properties despite adversity, or that are able to restore the desired properties following adversarial perturbations in the computing medium building on the principles of self-stabilization. Research in distributed computing and distributed systems continues its vibrant development, marked by the importance of dynamic systems, such as peer-to-peer networks, large-scale wireless sensor networks, mobile ad hoc networks, mobile agent computing, opportunistic networks etc. Moreover, new applications such as grid and web services, banking and e-commerce, e-voting, e-health and robotics, aerospace and avionics, automotive, industrial process control, have joined the expanded landscape of distributed systems. It is becoming increasingly important to endow all such systems with built-in means for self-management, self-protection, and self-repair. The symposium encourages the submission of original contributions spanning fundamental research and practical applications within its scope, covered by the five symposium tracks.

The technical program of SSS 2015 (Aug. 19 - Aug. 21) will be preceded by a one day Summer School on Distributed Computing and Cryptography (Aug. 18), organized by Shlomi Dolev (Ben-Gurion University, Israel).

General Co-chairs:
 Ted Herman (University of Iowa, USA)
 Jared Saia (University of New Mexico, USA)
Program Committee Co-chairs:
 Andrzej Pelc (Université du Québec en Outaouais, Canada)
 Alexander A. Shvartsman (University of Connecticut, USA)
Keynote Speakers:
 Sergio Rajsbaum (Universidad Nacional Autonoma de Mexico, Mexico)
 Roger Wattenhofer (ETH Zurich, Switzerland)
 Philipp Woelfel (University of Calgary, Canada)
Local Arrangements Chairs:
 Ioanis Nikolaidis (University of Alberta, Canada)
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 Maxwell Young (Drexel University, USA)
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 Anish Arora (Ohio State University, USA)
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 Ted Herman (University of Iowa, USA)
 Toshimitsu Masuzawa (Osaka University, Japan)
 Vincent Villain (Universite de Picardie Jules Verne (UPJV), France)

Paper Submission: **March 29, 2015** (UTC-12)
Notification: May 29, 2015
Camera Ready Submission: June 5, 2015

Symposium Tracks and Track Chairs

Self-stabilization
Joffroy Beauquier, U. Paris-Sud, France

Fault-tolerance and Dependability
Nitin Vaidya, UIUC, USA

Ad-hoc and Sensor Networks, Mobile Agents
Paola Flocchini, U. of Ottawa, Canada

System Security in Distributed Computing
Alex Russell, U. of Connecticut, USA

Formal Methods and Distributed Algorithms
Helmut Veith, Vienna U. of Technology, Austria

Paper Submission Instructions

Papers must be prepared using the LNCS style and be electronically submitted to a specific track in PDF format using EasyChair. Contributions can be submitted as either **Regular Papers** or **Brief Announcements**. Submissions for regular papers must be no longer than 15 pages (including the title, authors, abstract, figures, and references) and may have an additional appendix to be read at the discretion of the Program Committee. Brief announcements are restricted to two pages with no appendix. Submissions deviating from these guidelines will be rejected without consideration of their merits.

If requested by the authors, a regular submission that is not selected for a regular presentation will also be considered for a brief announcement. This request must be clearly indicated in the first page of the paper. Such a request will not affect consideration of the paper as a regular paper. A paper submitted to SSS 2015 must be an original contribution not previously published as a regular paper (results previously published as a brief announcement may be submitted as a regular paper to SSS 2015). No submission may be concurrently submitted to another conference, workshop, or journal.

Best Paper & Best Student Paper Awards

The program committee will select two papers for best paper and best student paper awards. A paper is eligible for the best student paper award if at least one of its authors is a full-time student at the time of submission. This must be clearly indicated in the first page of the paper.

EasyChair submission URL: **https://easychair.org/conferences/?conf=sss2015**
SSS 2015 will be published in the Springer LNCS series.