

# The 11th International Symposium on Stabilization, Safety, and Security of Distributed Systems (SSS 2009)

Lyon, France, November 3-6, 2009

## Submission Deadline: May 31, 2009

The Symposium **SSS** is a prestigious international forum for researchers and practitioners in the design and development of fault-tolerant distributed systems with self-\* properties, such as self-stabilizing, self-configuring, self-organizing, self-managing, self-repairing, self-healing, self-optimizing, self-adaptive, and self-protecting.

The theory of self-stabilization has been enriched in the last 30 years by high quality research contributions in the areas of algorithmic techniques, formal methodologies, model theoretic issues, and composition techniques. All these areas are essential to the understanding and maintenance of self-\* properties in fault-tolerant distributed systems.

Research in distributed systems is now at a crucial point in its evolution, marked by the importance of dynamic systems such as peer-to-peer networks, large-scale wireless sensor networks, mobile ad hoc networks, robotic networks, etc. Moreover, new applications such as grid and web services, banking and e-commerce, e-health and robotics, aerospace and avionics, automotive, industrial process control, etc. have joined the traditional applications of distributed systems.

### Tracks:

- **Alternative Systems and Models**  
(Chair: *Ted Herman*)
- **Autonomic Computational Science**  
(Chairs: *Manish Parashar & Omer F. Rana*)
- **Cloud Computing**  
(Chair: *Indranil Gupta*)
- **Embedded Systems**  
(Chair: *Tarek Abdelzaher*)
- **Fault-Tolerance in Distributed Systems / Dependability**  
(Chairs: *Martin Hüttele & Josef Widder*)
- **Formal Methods in Distributed Systems**  
(Chairs: *Sandeep Kulkarni & Sayan Mitra*)
- **Grid Computing**  
(Chair: *Thierry Priol*)
- **Mobility and Dynamic Networks**  
(Chair: *Eric Fleury*)
- **Multicore Computing**  
(Chairs: *Pascal Felber & Christof Fetzer*)
- **Peer-to-Peer Systems**  
(Chair: *Thomas Fuhrmann*)
- **Self-Organizing Systems**  
(Chairs: *Salima Hassas & Giovanna Di Marzo Serugendo*)
- **Sensor Networks**  
(Chair: *Anish Arora*)
- **Stabilization**  
(Chair: *Franck Petit*)
- **System Safety and Security**  
(Chairs: *Raouf Boutaba & Mohamed G. Gouda*)

General Chair: **Ajoy K. Datta**

Program Co-Chairs: **Rachid Guerraoui** and **Franck Petit**

Organizing Committee: **Eddy Caron**, **Benjamin Depardon**,  
**Stéphane Devismes**, and **Cédric Tedeschi**

<http://graal.ens-lyon.fr/SSS09/>

