



DESIGN AUTOMATION CONFERENCE



Migration Workshop at DAC '09: Migrating from LSF to SGE

July 27, 2009 • 12:00 – 2:00 PM (lunch provided) • W Hotel • San Francisco, CA

Sun Microsystems, eXludus and Univa UD invite you to attend an educational lunch session at the DAC 09 Conference in San Francisco, including detailed presentations on how to plan and manage a cluster migration project.

Tools & Takeaways

All attendees will receive:

- **LSF 2 SGE Quick Reference Guide**, with SGE commands for all major LSF commands plus a full page on job submission
- **SGE Beginners' Guide** for those new to SGE

What's Included?

This lunch workshop provides participants access to valuable tools and knowledge about migrating to a more complete, cost-effective Sun Grid Engine environment.

Topics include: DRM comparison, multi-core

optimization, migration best practices, cloud computing, and an open Q&A session with our experts.

Cost: Attendance is **FREE**

Workshop Trainers

- **Dan Templeton**, Sun Grid Engine Product Team
- **Stephen Dennis**, Senior Software Engineer, Univa UD
- **Mike Declerck**, VP Engineering, eXludus

*"Our users didn't even notice the difference when we replaced [Platform] LSF with UniCluster. **The product performs the same as LSF but at a reduced overall cost.** In addition, with UniCluster we have access to a full, integrated cluster stack. That goes beyond what a scheduler alone can provide."*
– Top Global Pharma

Why attend? Both you and your organization will benefit from this valuable course, where you will:

- **Broaden your HPC options:** By increasing your SGE knowledge, you'll have a better background for making decisions and recommendations about which DRM to use.
- **Stay informed about LSF alternatives:** We'll present objective comparisons of LSF and SGE, with real-world examples, so you understand how the products differ.
- **Ensure you're ready to switch:** If your team decides to move to SGE, you'll have the know-how you need to manage the migration.
- **Sharpen your SGE skills:** For current or potential SGE users, there's no better opportunity for learning practical tips & tricks.
- **Build your resume:** With this training you gain versatility and an edge in the competitive EDA employment marketplace.
- **Be cloud-ready:** We'll discuss how moving to SGE puts you in a better position to leverage both private and public cloud computing.

Content and Topics

- *Sun Grid Engine Overview and DRM Comparison*
- *Anatomy of a Migration Project*
 - *Migration Planning*
 - *Key Evaluation Criteria*
 - *Installation, Configuration & Management*
 - *Migrating Users and Applications*
- *Multi-Core Optimization and Demo*
- *Multi-Cluster Management*
- *Building a Private Cloud*
- *Best Practices for Getting Started*
- *Open Discussion Forum*

Who should attend?

- **Design Engineers** who are looking for faster, simpler solutions for processing
- **HPC Infrastructure Owners** interested in accessing the tools and information necessary to migrate to a more flexible and cost-effective computing environment
- **IT Decision-Makers** exploring ways to reduce cluster license and maintenance computing costs while ensuring production performance

How to Register:

Workshop enrollment is open, but seats are limited.

- To reserve a seat, visit: <http://lsf-to-sge-migration-workshop-eventbrite.com>
- To ask a question about the event, send a note to migration@univaud.com