

Call For Papers

Society of Petroleum Engineers

# Reservoir SIMULATION SYMPOSIUM

**18–20 February 2013**  
The Woodlands, Texas, USA  
The Woodlands Waterway Marriott  
Hotel & Convention Center  
[www.spe.org/events/rss](http://www.spe.org/events/rss)



## Message from the Chairperson



The 21<sup>st</sup> SPE Reservoir Simulation Symposium will be held 18–20 February 2013 in The Woodlands, Texas, USA.

As program chairperson, I invite you and your colleagues to submit abstracts to be considered for the symposium.

Topics of major interest, as determined by the program committee, are listed to the right. If you have original results on any of these topics that have not been previously presented or published, please submit an abstract for consideration.

**Abstracts will be accepted online until 18 June 2012.**

The committee will review abstracts for presentation in technical sessions, as well as for ePosters which will be on display throughout the symposium. Qualified ePosters require a full manuscript and will also be included in the Proceedings.

The committee members look forward to your proposals and to see you at the symposium.

Sincerely,



**Ivar Aavatsmark**  
Program Committee Chairperson  
Centre for Integrated Petroleum Research

## Suggested Topics

- Formulations and discretization techniques
- Parallel and high-performance computing
- Development of scalable linear and nonlinear solvers
- Modeling complex recovery processes
- Gridding and discretization of complex reservoir models
- Upscaling and multiscale methods
- Integrated modeling of reservoirs, wells, and surface facilities
- History matching, optimization, and uncertainty assessment
- Reservoir monitoring and data assimilation
- Unconventional reservoir simulation
- Subsurface CO<sub>2</sub> sequestration modeling
- Coupled flow, geomechanics, and reactions
- Fast simulation tools and next-generation simulators
- Reservoir simulation applications: successes and failures



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