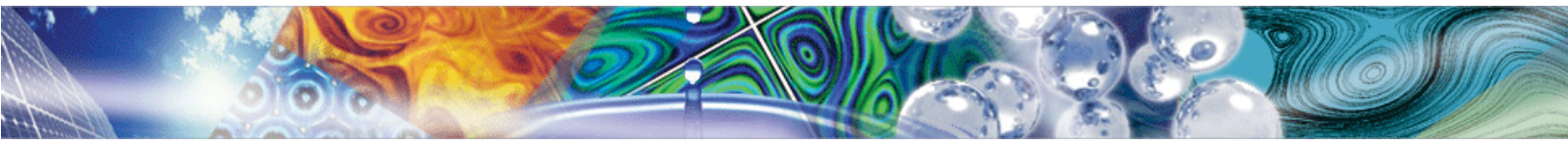
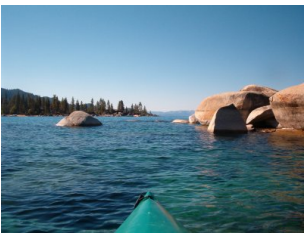
FEMTEC 2011

3rd International Conference on Finite Element Methods in Engineering and Science

Harvey's Casino and Resort, South Lake Tahoe, May 9 - 13, 2011





FEMTEC 2011 is a multidisciplinary meeting whose goal is to strengthen the interaction between researchers who develop new computational methods, and scientists and engineers from various fields who employ numerical methods in their research.

The conference is organized jointly by UNR, DRI, INL and ERDC.

Conference Topics

- Numerical and computational methods in geosciences including, but not limited to, atmospheric sciences (weather and climate), hydrology, geology, atmospheric chemistry, air pollution, and related disciplines.
- Numerical and computational methods in nuclear, mechanical, civil, electrical, and other engineering fields.
- Mesh generation and scientific visualization.
- Open-source projects and software in scientific computing.

Confirmed Invited Speakers

- Phillip Colella (Lawrence Berkeley National Laboratory).
- Clint Dawson (University of Texas, Austin).
- Michael Heroux (Sandia National Labs, Albuquerque).
- Robert Montgomery (ANATECH Corporation, San Diego).
- John Shadid (Sandia National Labs, Albuquerque).

Proceedings

Proceedings of FEMTEC 2011 will appear as a special issue of Journal of Computational and Applied Mathematics (2008 SCI impact factor 1.292), and additional high-impact international journals as needed.

Important Dates

- Dec 15, 2010: Abstract submission.
- Jan 15, 2011: Abstract acceptance.
- Mar 1, 2011: Early registration.
- Jun 30, 2011: Paper submission.

Post-Conference Program

For participants wishing to spend a few days after the conference at Lake Tahoe, we will organize an optional hike into the heart of the Desolation Wilderness on Saturday, May 14. The Desolation Wilderness is one of the most beautiful wilderness areas in the United States.

Organizers

- Pavel Solin (chair), University of Nevada, Reno.
- Glen Hansen, Idaho National Laboratory, Idaho Falls.
- Chris Kees, U.S. Army Engineer R&D Center, Vicksburg.
- Darko Koracin and Matt Reeves, Desert Research Institute, Reno.

Webpage: http://hpfem.org/events/femtec-2011 **Email**: femtec2011@unr.edu