

Calendar of Events

USACM Workshop on Meshfree Methods for Large-Scale Computational Science and Engineering: Theory and Applications of Galerkin and Collocation Methods *October 27-28, 2014, Tampa, Florida*

4th International Congress on Material Modeling IACM Conferences *May 27-29, 2015, Berkeley, CA*

Employment Opportunities

Click on link above to get information on job openings

Other Conferences of Interest

IACM Conferences

XXIV International Workshop on Computational Micromechanics of Materials, *Madrid, October 1-3, 2014*

USACM News Editorial Board:
T. Zohdi, S. Ghosh, L. Demkowicz

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<mailto:info@usacm.org>

USACM Elects New Officers

USACM held elections during March/April of 2014 for new members of the Executive Council. The newly elected members are as follows:

Secretary/Treasurer: **John Dolbow**, Duke University

Members-at-Large:

Yuri Bazilevs, University of California, San Diego; **Krishna Garikipati**, University of Michigan; **Roger Ghanem**, University of Southern California, **Harold Park**, Boston University, and **Natarajan Sukumar**, University of California, Davis.

They will begin their terms following the IACM World Congress to be held in Barcelona, July 20-25, 2014. Congratulations to the new officer and EC members.

Minisymposium Proposal Submission for USNCCM13 Now Open

The **13th U.S. National Congress on Computational Mechanics** will be held in San Diego, CA, July 26-30, 2015. Online submission of minisymposium proposals is now **open**. Go to the website, 13.usnccm.org, for further details and a list of important dates. We look forward to a successful congress.

USACM Workshop on Meshfree Methods for Large-Scale Computational Science and Engineering

The **USACM Workshop on Meshfree Methods for Large-Scale Computational Science and Engineering** will be held in Tampa, Florida, October 27-28, 2014. **Abstract submission is now open**. Topics of interest are: fragment-impact simulation, penetration mechanics, problems with large deformations – localized plasticity, multiscale modeling – geomaterials, polymer matrix composites, alloys, ceramics, material defects, atomistic-to-continuum coupling, multiphysics problems – coupled thermo-mechanics, electromigration, electro-active polymers, poro-elasticity, mixture theories, nonlocal methods – nonlocal elasticity, peridynamics, granular material, software implementations and advances in parallel computing – traditional distributed, accelerator-based, and heterogeneous, mathematical theory of meshfree, generalized finite element, and particle method, fast and stable domain integration methods, enhanced treatment of boundary conditions, and identification and characterization of problems where meshfree methods have clear advantage over classical approaches. All are invited to submit an abstract.