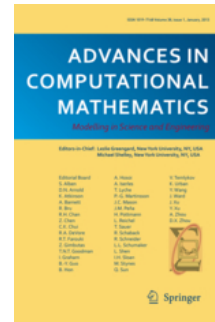


Call for Papers
Special issue on MoRePaS in ACOM
“Model Reduction of Parametrized Systems”

–Deadline: Nov. 30, 2013–



Advances in Computational Mathematics (ACOM) aims to publish high quality accessible and original articles at the forefront of applied mathematics, with the potential for impact across the sciences. The journal places a particular emphasis on numerical methods, modeling, and simulation. ACOM has an impact factor of currently 1,488. For more information, see <http://www.springer.com/computer/theoretical+computer+science/journal/10444>

Objectives: A special issue on Model Reduction of Parametrized Systems (*MoRePaS*) in ACOM is announced addressing recent results and significant new achievements in model reduction in the following areas:

- Reduced basis methods
- Proper orthogonal decomposition
- Approximation theory related to model reduction
- Learning theory and compressed sensing
- Stochastic and high-dimensional problems
- System-theoretic methods
- (Discrete) empirical interpolation
- Reduction of coupled problems
- Optimization and optimal control
- Krylov-subspace and interpolatory methods

Guest editors: Peter Benner (MPI Magdeburg, Germany), Mario Ohlberger (University of Münster, Germany), Anthony Patera (MIT, Cambridge, USA), Gianluigi Rozza (SISSA Trieste, Italy), Dan Sorensen (Rice University, USA), Karsten Urban (Ulm University, Germany; chair)

Time schedule

- Submissions through the Editorial Manager <https://www.editorialmanager.com/acom>, deadline: Nov. 30, 2013
- All contributions will be peer refereed according to the standards of ACOM. Note of acceptance/rejection will be given within 6 months.

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