

Dear Colleagues, Students and Friends of our Splitting Group in Action,

The academic year goes on and a lot of new activities are coming soon.

Please have a look to our next events and hope that we will meet us soon in next activities.

We have important research topics and should present them in the our research fields.

Coupling multiple scales of micro-and macro-models, using new and standard codes will be a hot topic in future and can be a good research topic.

Let us be a part of such upcoming research topics and educate our students in these areas.

Recently, new members entered our group from less developed countries. Please give them a chance and integrate such researchers to our group.

Here, we transfer our knowledge to future researchers and countries. A collaboration will help them to upcoming in our research society.

So publishing good results, developing decomposition methods to solve modern problems and creating a large network to contribute our ideas, that is what we hope to do with our splitting group.

Let us join the next events and discuss our new problems in journals, special issues etc.

The next events are coming soon.

Please see also some conferences for the next year: MIT, SCICADE, NUMDIFF.

Many thanks for the first year with activities in our network. I wish you all a nice time.

Best regards,

Juergen Geiser

P.S. Next events and remarks :

1. Next year events
2. Special Issues
3. Open positions
4. Foundations
5. Remarks

1. Events in 2009

- 1.1.) MIT, June 2009

Our annually conference in 2009 will be held at MIT, Boston, USA :

Fifth M.I.T. Conference on Computational Fluid and Solid Mechanics : Advances in CFD, June 17 - 19, 2009

please visit: <http://www.fifthmitconference.org>

Recent Advances in Decomposition Methods for Computational Fluid Mechanics: Theory and Applications Organizers : Geiser Juergen, Sheng Qin

See our mini-symposium page:

<http://www.mathematik.hu-berlin.de/>

- 1.2.) Scicade, Beijing, May 25-29, 2009.

see :

<http://www.conferencenet.org/conference/scicade.htm>

- 1.3.) Numdiff 12, Halle, September 2009.

see :

<http://sim.mathematik.uni-halle.de/numdiff/Numdiff12/>

2. Special Issue :

2.1.) Special issue of our conference papers.

Subject Editor: Juergen Geiser.

Publisher : Nova Science, USA (<https://www.novapublishers.com>)

Title : Decomposition Methods in Multiphysics and Multiscale Problems, Research Monograph with multiple authors.

Outline: The monograph deals with multiphysics and multiscale problems known in multiple flow and multi-dimensional transport and reaction models, e.g. deposition problems, fluid dynamic problems and kinetic reaction problems. The authors contribute the analysis of temporal and spatial decomposition methods for model problems based on evolution equations and discuss their characteristics to solve their problems efficiently. Numerical simulations are presented to discuss efficiency, implementability and ideas to use existing software tools.

Deadline submission: December 2008.

Review process: January-March 2009.

Publishing Date: June 2009.

3. Open positions :

none.

4. International Foundations to be important for our European group members:

5.1. European Science Foundation (ESF) and European Research Council (ERC) :

see : <http://www.esf.org/research-areas/physical-and-engineering-sciences.html>

and

see: <http://erc.europa.eu/index.cfm>

5. Additional remarks

New conferences, open positions, new special issues can be announced.

Please let me know your ideas and feedback.

Thanks for your time and your cooperation.

With best regards,

Jürgen Geiser