

# Newsletter June 2008 to the Splitting-Group in Action

## Title : Conference, Meetings and Deadlines

Dear Colleagues, Students and Friends of our Splitting Group in Action, many thanks to our participants for their terrific presentations and wonderful support of our International Conference AIMS08, Arlington.

We might go on with exchanging of our research ideas more frequently, support each other in the study, and together promote collaborations to a higher level.

Further conferences are coming soon and some participants asked me to think about : SCICADE 2009, Beijing or Numdiff 12, Halle. Because there are good platforms to meet researchers working in our splitting method, I will add this conferences to our time-table.

Some researchers encouraged me to think about a workshop in Oberwohlfach, Germany and apply for funds to invite researchers and concentrate on developing theoretical basics. I will also go on in such proposals. Please let me know your interest.

From other researchers I heard about an European network and fundings. I hope they will have the chance to get such funds, our group will have benefits to such activities.

By the way a next conference comes up in Venice, we got about 9 speakers. There are also many different lectures and I hope we can recruit new members to our splitting group.

Additionally in October, the special workshop in Innsbruck will be held and I hope we could meet us again in one of the events again.

Many thanks to our local organizers, with their works so many events can go on.

The time-table is full of events but we have to make our activities for the next year. There are conference proceedings and also group proceedings in different international journals.

Please do the registration for the next group-conference at MIT in 2009, SCICADE 2009, Halle 2009.

Let us go on in looking for applications to engineering and real-life problems. Many funds are settled in that areas and the theories should be applied.

I hope to get feedback from your activities and hope to see you soon in a next event.

Many thanks for the activities in our network.

Best regards,

Juergen Geiser

Attached some further contributions :

- 1.) Annual conference 2008 in Venice and Innsbruck
- 2.) Next year events
- 3.) Special Issues
- 4.) Open positions
- 5.) Foundations
- 6.) Remarks

ad 1.) Annually conferences

1.1.) Arlington (is done, but we have to do the proceedings)

The submission of the proceedings will be in a special issue of :

Discrete and Continuous Dynamical Systems - Series S (DCDS-S)

A submitted article can have a maximal length of 9 pages and the journal style files need to be utilized.

The organizers will start soon to collect the papers.

See also the announcement of Prof. Sheng

1.2.) Venice (upcoming soon) :

Eccomas 2008, 30 June - 4 July, 2008, Venice, Italy

<http://www.iacm-eccomascongress2008.org/frontal/>

Our mini-symposium:

Time- and Spatial Decomposition Methods for Multi-physical and Multi-field Problems [ID:139]

Organizers : Geiser Juergen, Sheng Qin

The deadline is over, but you can still register, see our contributors:

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

We will also have a possibility for a proceeding. See announcement at the conference.

1.3.) Innsbruck, October 2008.

A conference with the special topic, "Splitting Methods in Time Integration", is now announced.

organizer : Prof. A. Ostermann, University of Innsbruck, Austria ,

Time and Location:

October 15-18, 2008, Innsbruck, Austria

<http://techmath.uibk.ac.at/numbau/alex/events/conference2008.htm>

Deadlines:

Submitting an abstract: August 20, 2008.

A tentative program : August 2008,

Final program : September 2008.

For registration please contact Prof. Ostermann :

[alexander.ostermann@uibk.ac.at](mailto:alexander.ostermann@uibk.ac.at)

or Felix Kramer :

[Felix.Kramer@uibk.ac.at](mailto:Felix.Kramer@uibk.ac.at)

Special workshop fees are available till July 2008, please do not hesitate to register early.

ad. 2.) Next year events

2.1.) 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 minisymposium page:

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

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

see :

<http://www.cc.ac.cn/SciCADE09/>

2.3.) Numdiff 12, Halle, September 2009.

ad. 3.) Special Issue :

Juergen Geiser and Roland Glowinski:

Title : Operator Splitting methods and ADI methods,

to be published in Springer (Texts and monographs in Scientific Computing, edited by W. Beiglboeck), Deadline Summer, 2008.

First we collect all papers of interested contributors. In a next step we decide the acceptance of the contributed papers. Please let us know you interest.

ad 3.) Open positions :

3.1.) Postdoctoral Position Available Institut Charles Gerhardt Montpellier (ICGM), CNRS and University Montpellier 2, Montpellier, France. Available September 2008

Apply to :

Dr. Benoit Coasne,

benoit.coasne@univ-montp2.fr

ad 4.) International Foundations

4.1. 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>

Prof. Ostermann, Innsbruck, Austria, will have some further information.

Please let him know your interest.

ad 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,

Juergen Geiser