

Newsletter May 2008 to the Splitting-Group in Action

Title : Conference, Meetings and Deadlines

Dear Colleagues, Students and Friends of our Splitting Group in Action, our annual conferences will start soon. We start in Arlington this month and we have about 16 speaker. Really brilliant, the lectures are good mixed and we will have many discussions. Many thanks to Prof. Sheng who did the local organization. Please visit our dinner together on May 18 th.

Next conference will be Venice, recently we got many contributors and we are about 9 speakers. There are also many different lectures and I hope we can recruit new members to our splitting group.

We have a busy summer and after the conference, we should finish our proceedings. 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.

We got additional new members in academic fields and industrial applications to our group. This is very important to get in touch with engineers to contribute our efficient methods. Next year, we have an invitation to an engineering conference based on Wave Propagation, they will be interested on splitting methods to speeded up the computations.

Many thanks for the activities in our network.

I hope we see us in the next events.

Best regards,

Juergen Geiser

Attached some further contributions :

- 1.) Annual conference 2008 in Venice, Arlington and Innsbruck
- 2.) Special Issues
- 3.) Open positions
- 4.) Foundations
- 5.) Remarks

ad 1.) Annually conferences

- 1.1.) Arlington (this month)

7th AIMS International Conference on Dynamical Systems,
Differential Equations and Applications
May 18 - 21, 2008

http://www3.baylor.edu/~Qin_Sheng/minisymposium7.html

Our minisymposium of our group:

Adaptive and Iterative Decomposition methods for Differential Equations :
Stability and Application.

Organizers : Geiser Juergen, Sheng Qin

The submission of the proceedings will be announced at the conference. It
will be published as a special issue of the

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.

See the announcement of Prof. Sheng.

1.2.) Venice:

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 Integra-
tion", 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

or Felix Kramer :

Felix.Kramer@uibk.ac.at

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

1.4.) 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>

The deadline for our minisymposium, see also the attachment:

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/>

ad. 2.) 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.

We decide on a first step to collect all the papers of interested contributors. In a next step we decide the acceptance of the contributed papers. Please send us your papers as soon as possible.

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) :

We will contribute an abstract to the ESF-program next year.

see : Physical and Engineering Sciences (PESC) <http://www.esf.org/research-areas/physical-and-engineering-sciences.html>

Please send me your contributions and ideas.

4.2. European Research Council (ERC) :

We have submitted an abstract to the programs.

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

I will announce the results of this contribution.

ad 5.) Additional remarks

New conferences, open positions, new special issues can be send to my and will be announced in the next newsletter.

Thanks for your time and let me know your feedback and ideas.

Let us see soon in a next conference.

With best regards,

Juergen Geiser