

Newsletter 02/16

Dear BIMoS Members,

The summer term of 2016 is starting and we would like to take this opportunity to inform you about the latest news of our Graduate School.

This newsletter will inform you about the following topics:

- 1) Important Dates in the Summer Term of 2016
- 2) Video Recording of BIMoS Events
- 3) Start of the BIMoS PhD Seminar and ISIS Moodle
- 4) Support Opportunities for PhD Students (Proposal Writing, International Contacts, Job Forum, etc.)
- 5) New Design of our Website
- 6) Job Offers by BIMoS Members
- 7) Associated Conferences

We would like to also wish you an enjoyable and scientifically successful summer term 2016!

1) Important Dates in the Summer Term of 2016

Monday, **June 6** at 4-6PM in H3005

BIMoS Day on "Probabilistic and Bayesian Data Modeling" by Prof. Dr. Manfred Opper (Chair for Artificial Intelligence)

Monday, **June 13** at 4-6PM in H3005

BIMoS Member's Assembly

Monday, **June 27** at 4-6PM in H3005

BIMoS Distinguished Lecture on "Navier-Stokes-Fokker-Planck systems: modelling, analysis and computation" by Prof. Dr. Endre Süli (University of Oxford)

Tuesday, **July 12** at 4-6PM in H3005

BIMoS Day on "Fluid Simulation by Schrödinger's Equation" by Prof. Dr. Ulrich Pinkall (Chair for Differential Geometry and Visualization)

2) Video Recording of BIMoS Events

We will record all future BIMoS Events and will provide only the BIMoS members with the possibility to download the recordings and the presentation slides on a password protected website. The password will be send to you soon, and will be renewed each term.

3) Start of the BIMoS PhD Seminar and ISIS Moodle

The BIMoS PhD Seminar for all of our BIMoS fellows and other PhD members has started successfully, organised by Sandra Keiper. The seminar will usually take place on the first Wednesday of every month at 5PM in room MA 579.

This monthly seminar is intended for the PhD Students of BIMoS (members and fellows) to informally discuss topics in the field of mathematical modeling, simulation, and optimization. The aim is to develop a useful network and to help each other in this very interdisciplinary field. Occasionally, other members of the BIMoS faculty will also be invited to discuss selected problems.

An ISIS Moodle has been set up for announcements among the PhD students. It will also be used as a platform for discussions.

4) Support Opportunities for PhD Students (Proposal Writing, International Contacts, Job Forum, etc.)

From now on, the BIMoS Office in corporation with the scientific directors offers the following services to our PhD students within BIMoS:

- First contact point for information about scholarships, travel support, etc., also concerning available services for those topics within TUB.
- Support for finding international contacts, for instance, to write a master thesis in a foreign country.
- Development of a job forum for positions within academia in the area of model- and simulation based research.

In addition, the PhD students themselves are building up a platform for successful proposals for, e.g., DAAD travel support. Provision of such a proposal to the PhD student representation Sandra Keiper [<keiper@math.tu-berlin.de>](mailto:keiper@math.tu-berlin.de) is greatly welcome.

5) New Design of our Website

Due to the security issues with the software of the current website and also to follow the TU Berlin Corporate identity guidelines, it was decided to switch to the TYPO3 content management system of the TU Berlin.

Our new BIMoS website is online as of April 15, 2016.

6) Job Offers by BIMoS Members

If you or your research groups is offering research positions, please inform the BIMoS Office, so we can publish these offers in the next newsletter.

7) Associated Conferences

EMS Summer School:

"Modelling, Analysis and Simulation Crime and Image Processing"

Date: July 4-8, 2016 at the Mathematical Institute in Oxford (UK)

Organizers:

Andreas Münch, Jared Tanner (Mathematical Institute, University of Oxford)
Gitta Kutyniok, Barbara Wagner (Institute of Mathematics, TU Berlin)
Webpage: <https://www.maths.ox.ac.uk/events/conferences/essam-modelling-analysis-and-simulation-crime-and-image-processing>.

BMS Summer School:

"Mathematical and Numerical Methods in Image Processing"

Date: July 25 - August 8, 2016 in Berlin, Germany

Organizers: Gitta Kutyniok (TU Berlin) and Michael Hintermüller (HU Berlin)

Webpage: <https://www.math-berlin.de/academics/summer-schools>

Workshop on "Interactions Between Sparse Models and Technology"

Date: August 24-26, 2016 in Aalborg, Denmark

Chairs of Organizing Team:

Thomas Arildsen, Department of Electronic Systems

Morten Nielsen, Department of Mathematical Sciences

(both at Aalborg University)

Webpage: <http://www.itwist16.es.aau.dk/>