

Newsletter 02/15

Dear BIMoS Members,

The summer term of 2015 is coming to an end, so we would like to take this opportunity to inform you about the developments our Graduate School made in the past months.

This newsletter will inform you about the following topics:

1. BIMoS Days
2. Distinguished Lecture Series
3. Scholarships for PhD students
4. Members' Assembly
5. Representative for PhD students of BIMoS
6. Membership for Master students
7. Donating to BIMoS

1. BIMoS Days

In this term we started our first lecture series, the BIMoS Days. Each BIMoS Day is devoted to introducing a broad scientific audience to a novel methodology with a wide range of applications and is held by a member of BIMoS.

The BIMoS Days are mainly aimed at PhD students and we were happy to note that this status group was represented best amongst our listeners. On our three BIMoS Days this term, PhD students filled 40 – 50% of the seats.

Our first BIMoS Day was on May 4th, 2015 on the topic of „Compressed Sensing“ and was held by one of our Scientific Director Prof. Dr. Gitta Kutyniok. It was a great start for the series and set our hopes high.

Our second BIMoS Day was on June 1st, 2015 on the topic of „Machine Learning“ and was held by a member of our Steering Committee Prof. Dr. Klaus-Robert Müller. The number of interested listeners of about 120 at this event exceeded our expectations and the lecture was a great success.

Our third BIMoS Day was on July 13th, 2015 on the topic of „Model Reduction“. It was organized by our member Prof. Dr. Volker Mehrmann and we had the pleasure to hear Prof. Dr. Christopher Beattie from Virginia Tech as our main speaker who is currently at the TU Berlin as an Einstein Fellow. This BIMoS Day was a fantastic conclusion to our first series. All the presentation slides from the lectures and a few relevant papers can be found and downloaded on our website for registered users.

We will continue the BIMoS Days in the upcoming winter term and look forward to seeing you there!

2. Distinguished Lecture Series

In the upcoming winter term we will start our Distinguished Lecture Series which will feature international experts in model and simulation based research, both from universities and industry.

Our first Distinguished Lecture will take place on Monday, January 11th, 2016 in H3005 and will be held by Prof. Dr. Alfio Quarteroni from the École Polytechnique Fédérale de Lausanne who is also the founder and current director of the Mathematics Institute of Computational Science and Engineering (MATHICSE) at EPFL. Please mark the date in your calendars!

3. Scholarships for PhD students

As you know we offer six scholarships for outstanding students holding a master's degree. Faculty II is offering two scholarships and Faculty III – VI are each offering one scholarship.

The application deadline for our scholarships for PhD students was on May 31st and since then we have been very busy with the evaluation process.

We are currently conducting interviews with the best candidates and will introduce you to our new BIMoS graduate students, hopefully, by October 2015.

4. Members' Assembly

Unfortunately, due to illness the scheduled Members' Assembly on July 13th could not take place.

We have scheduled a new date for the Members' Assembly for Monday, November 30th, 2015 in the afternoon in H2036.

We look forward to welcoming you to this event and ask you kindly to mark your calendars already.

5. Representative for the PhD students of BIMoS

The PhD students who currently hold a membership in BIMoS had the chance to elect a representative who will become a member of the Steering Committee and represent the students interests in the Committee Meetings.

Sandra Keiper was elected as the representative and will start her term of office on October 1st, 2015. Her term will last for two years and then we will have a new election.

6. Membership for Master students

Due to the great interests of master's students to the lectures on the BIMoS Days, the Steering Committee decided to approve applications for membership in BIMoS also by

master's students. All relevant information about the membership and the application can be found on the BIMoS website.

7. Donating to BIMoS

As of now BIMoS is funded by the TU Berlin. To be able to offer a maximum of interesting lectures, events and conference access for our scholars, we would be grateful for any donation.

TU Berlin Main Bank Account

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This information is also be published on our website.

We thank you whole heartedly for the support you have given us thus far and look forward to a continued fruitful collaboration.

If you have any suggestions or comments, we would be very happy if you could let us know.

Last, but not least, we are always looking for new, interested members among the professors, post-docs, PhD students and master students of TU Berlin, and would like to encourage you to advertise BIMoS among your colleagues/fellow students.

Sincerely,

Gitta Kutyniok and Jörn Sesterhenn