

Mecklenburg Workshop

Approximation Methods and Data Analysis

Hasenwinkel

Monday, September 5, to Friday, September 9, 2016

www.math.uni-luebeck.de/hasenwinkel2016/

Dear Colleagues,

We cordially invite you and the members of your research group to participate in the Mecklenburg Workshop on “Approximation Methods and Data Analysis”.

During the last 15-20 years the world is facing an overwhelming increase of data of various types. This includes data for document analysis, data coming from social networks, data for traffic control, image and video data, data from high throughput measurements in biology, physics, and other fields in science. Therefore, there is an increasing demand for efficient methods of analyzing the tremendous amount of data. The analysis of data can often be related to function approximation. Therefore, it seems natural to apply powerful methods from approximation theory in order to create new highly productive algorithms for data analysis. On the other hand challenges in the field of data analysis stimulate new directions of research in approximation theory.

The workshop is focused on approximation methods and data analysis. It is a continuation of a longstanding tradition of workshops on approximation theory and related fields held in Northern Germany since the 1990's. The upcoming workshop is dedicated to the 60th birthday of our colleague Hrushikesh N. Mhaskar.

The workshop will take place in the hotel „**Schloss Hasenwinkel**“ which is located northeast of the lake „Schweriner See“ (*www.hasenwinkel.com*).

We kindly ask you to send the enclosed registration form to the address in Lübeck stated below. Please register as soon as possible, and definitely not later than

June 10, 2016.

The final version of the workshop schedule will be sent to the participants in August, 2016.

We look forward to hearing from you!

Yours sincerely,

Frank Filbir, Jürgen Prestin

Enclosure:

Registration form