



# 2012

## Summer School on Applied Analysis

### Time

Monday,  
24th of September 2012, 9:15 am  
till  
Friday,  
28th of September 2012, 1:00 pm

### Location

Chemnitz University of  
Technology,  
Department of Mathematics,  
Reichenhainer Str. 39/41,  
Room 638

### Accommodation

Participants must take care  
of accommodation themselves.  
A list of hotels in the area is  
provided by Chemnitz Tourism.

### Local organisation

is done by Albrecht Böttcher,  
Peter Junghanns, Daniel Potts  
and Karla Rost.



**TECHNISCHE UNIVERSITÄT  
CHEMNITZ**

### Lectures

There will be five general lectures given by  
the following speakers.

**Maurinus A. Kaashoek**  
(Vrije Universiteit Amsterdam, The Netherlands)  
**Szegő-Krein orthogonal polynomials  
and the band method**

**Jürgen Prestin**  
(University of Lübeck)  
**Periodic Multiresolution**

**Holger Rauhut**  
(University of Bonn)  
**Introduction to Compressive Sensing**

**Maria Grazia Russo**  
(University of Basilicata, Potenza, Italy)  
**Lagrange interpolation for functions  
of bounded variation**

**Alexander Volberg**  
(Michigan State University, East Lansing, USA)  
**Topics in Singular integrals**