



# 2011

## Summer School on Applied Analysis

### Time

Monday,  
26th of September 2011, 9.15 am  
till  
Friday,  
30th of September 2011, 1.00 pm

### Location

Chemnitz University of  
Technology,  
Faculty 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 and  
Daniel Potts.



TECHNISCHE UNIVERSITÄT  
CHEMNITZ

1836-2011

175 Jahre

### Lectures

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

#### Koenraad Audenaert

(Royal Holloway, University of London, Great Britain)  
Operator monotone functions: old and new

#### Marc Van Barel

(Katholieke Universiteit Leuven, Belgium)  
Rank structured matrices:  
theory, algorithms and applications

#### Marko Lindner

(Technische Universität Chemnitz)  
Spectra and finite sections of band operators

#### Steffen Roch

(Technische Universität Darmstadt)  
Fractal algebras of discretization sequences

#### Woula Themistoclakis

(National Research Council of Italy, Naples, Italy)  
Polynomial approximation via de la  
Vallee Poussin means