



2013 Summer School on Applied Analysis

Time

Monday,
23th of September 2013, 9:15 am
till
Friday,
27th of September 2013, 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.

Adhemar Bultheel
(KU Leuven, Belgium)
Rational Gauss quadrature

Charles Johnson
(College of William & Mary, USA)
Matrix completion problems

Paul Nevai
(King Abdulaziz University, Jeddah, Saudi Arabia)
An opinionated peek into approximation
theory and orthogonal polynomials

Gerlind Plonka-Hoch
(University of Göttingen)
Sparse approximation of signals and images

Maria Rosaria Capobianco
(National Research Council of Italy, Naples, Italy)
On the numerical solution of integro-
differential equations of Prandtl's type