

Summer School 2015

May 22-29, 2015

Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Department
of Mathematics



Normal Families in Complex Analysis

Speakers:

Aimo Hinkkanen

University of Illinois at Urbana-Champaign, USA

Walter Bergweiler

Christian-Albrechts-Universität zu Kiel, Germany

Introductory Lectures:

Jürgen Grahl

Julius-Maximilians-Universität Würzburg, Germany

Organizers: Oliver Roth, Stephan Ruscheweyh, Jürgen Grahl, Daniela Kraus

www.mathematik.uni-wuerzburg.de/summerschool2015

Registration online until April 1, 2015

Topics

The summer school intends to introduce the participants to some fascinating facets of complex analysis. The focus is on modern aspects of the theory of normal families and its numerous ramifications, including Bloch's principle, connections to Nevanlinna theory, applications in complex dynamics, and extensions to higher dimensions.

Participants and Prerequisites

The school is aimed at Master and PhD students as well as research workers in the field. The introductory course by Jürgen Grahl focuses on foundational material, and should be accessible to undergraduate and graduate students with a solid background in basic complex analysis. The two main courses by Aimo Hinkkanen and Walter Bergweiler will introduce the participants to the main current streams of research in the area of normal families and their applications.

Venue

The summer school lectures will be held at the Department of Mathematics of Würzburg University. Würzburg is an old, typically German-style university town. It is located on the Main river and is surrounded by picturesque vineyards. Würzburg's crown jewel is the UNESCO World Heritage listed Würzburg residence, which is called the most unusual and harmonious of all Baroque palaces. Würzburg can easily be reached by train from Frankfurt international airport (90 minutes).

Fee and Financial Support

The registration fee is € 120. It includes the summer school attendance, morning and afternoon refreshments, the summer school dinner on Wednesday evening, and a visit to the historical city center of Würzburg. Partial support is available for a limited number of participants.



Important Dates

Deadline for registration is April 1, 2015.

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