

Fifteenth International Conference on

COMPUTABILITY & COMPLEXITY IN ANALYSIS 2018

5-8 August 2018, Lake Kochel, Germany

Held in Honour of
Klaus Weihrauch's 75th birthday

Invited Speakers

Pieter Collins (Maastricht, Netherlands)
Daniel Graça (Faro, Portugal)
Rupert Hölzl (Munich, Germany)
Neil Lutz (Piscataway, USA)
Ludovic Patey (Lyon, France)
Diogo Poças (Hamilton, Canada and Munich, Germany)
Matthias Schröder (Munich, Germany)
Florian Steinberg (INRIA, France)

Programme Committee

Laurent Bienvenu (Montpellier, France)
Hannes Diener (Christchurch, New Zealand)
Denis Hirschfeldt (Chicago, USA)
Rupert Hölzl (Munich, Germany)
Zvonko Iljazović (Zagreb, Croatia)
Takayuki Kihara (Nagoya, Japan)
Elvira Mayordomo (Zaragoza, Spain)
Norbert Müller (Trier, Germany)
Ning Zhong (Cincinnati, USA)
Martin Ziegler, chair (Daejeon, Republic of Korea)

Organising Committee

Vasco Brattka, chair (Munich, Germany)
Peter Hertling (Munich, Germany)
Rupert Hölzl (Munich, Germany)
Philip Janicki (Munich, Germany)

Topics

Computable analysis
Complexity on real numbers
Constructive analysis
Domain theory and analysis
Effective descriptive set theory
Theory of representations
Computable numbers, subsets and functions
Randomness and computable measure theory
Models of computability on real numbers
Realizability theory and analysis
Reverse analysis
Real number algorithms
Implementation of exact real number arithmetic

Important Dates

Submission deadline: April 2, 2018
Notification of authors: May 7, 2018
Final version: June 4, 2018
Registration deadline: June 18, 2018

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