

Tenth International Conference on

# COMPUTABILITY & COMPLEXITY IN ANALYSIS 2013

8-10 July 2013, Nancy, France

## Invited Speakers

Ulrich Berger (Swansea, UK)  
Takayuki Kihara (JAIST, Japan)  
Cristóbal Rojas (Santiago, Chile)  
Daniel Roy (Cambridge, UK)  
Martin Ziegler (Darmstadt, Germany)



## Programme Committee

Andrej Bauer (Ljubljana, Slovenia)  
Arno Pauly (Cambridge, UK)  
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Cameron Freer (MIT, USA)  
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Akitoshi Kawamura (Tokyo, Japan)  
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Robert Rettinger (Hagen, Germany)  
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## Organising Committee

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Emmanuel Hainry (Nancy, France)  
Mathieu Hoyrup, chair (Nancy, France)  
Emmanuel Jeandel (Nancy, France)  
Romain Péchoux (Nancy, France)

## Topics

Computable analysis  
Complexity on real numbers  
Constructive analysis  
Domain theory and analysis  
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

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