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Mathematical  
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ESF Mathematics Conference in Partnership with  
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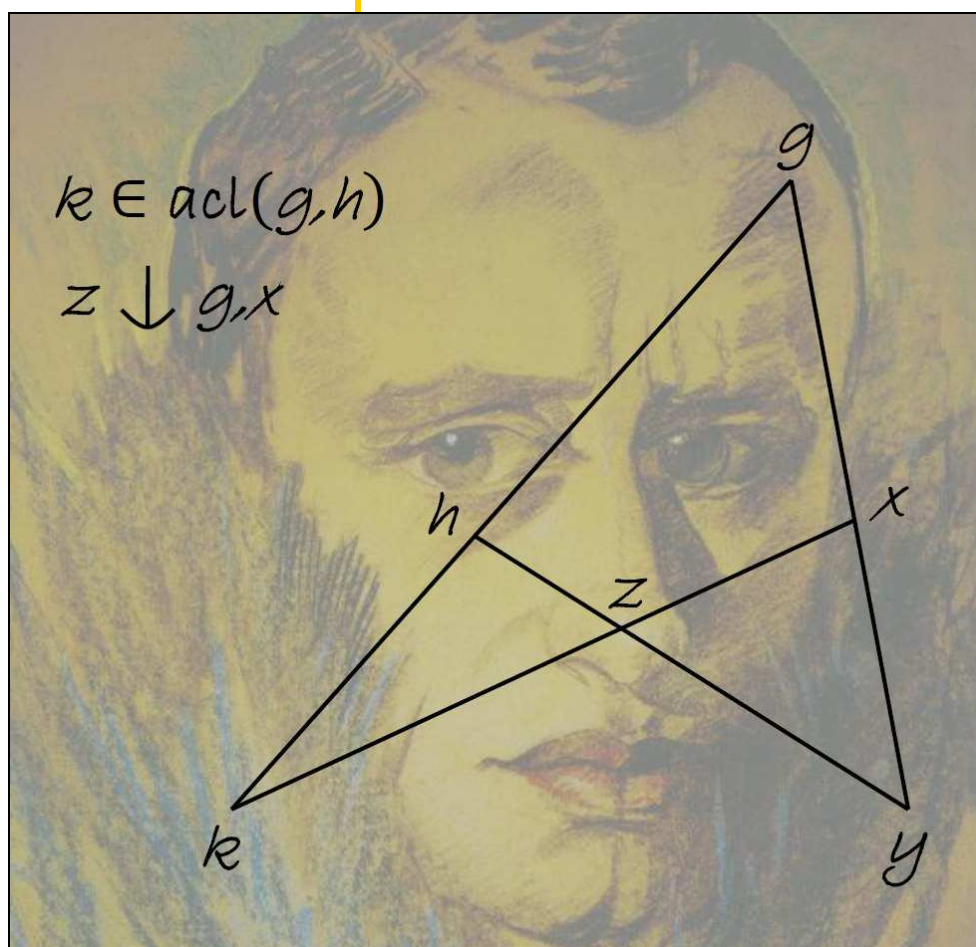
## Model Theory

The Banach Center, Będlewo • Poland  
9-14 August 2009

Chair: **Ludomir Newelski**, Uniwersytet Wrocławski, PL  
ESF Rapporteur: **Manuel de León Rodríguez**, CSIC, ES

[www.esf.org/conferences/09305](http://www.esf.org/conferences/09305)

With Support from



# Final Programme

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## Sunday 09 August

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Late afternoon /  
early evening

19.00

20.00

Registration at the ESF-RC desk

Welcome Drink

Supper

## Monday 10 August

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08.45-09.00

Conference Opening

**Manuel de León Rodríguez**, CSIC, ES  
*ESF Presentation*

### Morning Session 1:

Chair: Alexander Iwanow, Uniwersytet Wrocławski, PL

09.00-10.00

David Evans

University of East Anglia, UK  
*Finite covers*

10.00-11.00

Ziv Shami

Tel Aviv University, IL  
*Unidimensional simple theories*

11.00-11.30

Coffee break

### Morning Session 2:

Chair: Alexander Iwanow, Uniwersytet Wrocławski, PL

11.30-12.00

Krzysztof Krupiński

Uniwersytet Wrocławski, PL  
*Small Polish structures*

12.00-12.30

Alex Usvyatsov

UCLA, US / CMAF - Universidade de Lisboa, PT  
*Minimal wide types over Banach spaces*

12.30-14.00

Lunch

### Afternoon Session 1:

Chair: Christian Michaux, University of Mons-Hainaut, BE

14.00-15.00

Chris Laskowski

University of Maryland, US  
*On the fine structure of models of classifiable theories*

15.00-16.00

Margarita Otero

Universidad Autónoma de Madrid, ES  
*Topology of definable groups*

16.00-16.30

Coffee break

## Afternoon Session 2:

Chair: Christian Michaux, University of Mons-Hainaut, BE

16.30-17.00

Jakub Gismatullin

Uniwersytet Wrocławski, PL

*Model theoretic connected components of groups*

17.00-17.30

Philipp Hieronymi

McMaster University, CA

*Defining the integers in expansions of the real field*

19.00

Bonfire Dinner

## Tuesday 11 August

### Morning Session 1:

Chair: Franz-Viktor Kuhlmann, University of Saskatchewan, CA

09.00-10.00

Lou van den Dries

University of Illinois at Urbana-Champaign, US

*Invariant measures on groups with chain conditions*

10.00-11.00

Jean-Philippe Rolin

Université de Bourgogne, FR

*Real summation process and o-minimality*

11.00-11.30

Coffee break

### Morning Session 2:

Chair: Franz-Viktor Kuhlmann, University of Saskatchewan, CA

11.30-12.00

Jana Maříková

McMaster University, CA

*An update on o-minimal fields with standard part map*

12.00-12.30

Tamara Servi

CMAF - Universidade de Lisboa, PT

*On the decidability of the real field with a generic power function*

12.30

Lunch

14.00

Half-day excursion

19.00

Dinner

20.30-22.00

Poster session

## Wednesday 12 August

### Morning Session 1:

Chair: Oleg Belegradek, Istanbul Bilgi University, TR

09.00-10.00

Mario Edmundo

UAb, CMAF / Universidade de Lisboa, PT

*On very good reductions*

10.00-11.00

Katrin Tent

Universität Münster, DE

*Computable functions on the reals*

11.00-11.30

Coffee break

## Morning Session 2:

Chair: Oleg Belegradek, Istanbul Bilgi University, TR

11.30-12.00

Martin Bays

Oxford University, UK

*Covers of Elliptic Curves and Excellence*

12.00-12.30

Misha Gavrilovich

St. Petersburg University, RU

*Model Structure*

12.30-14.00

Lunch

## Afternoon Session 1:

Chair: Zoe Chatzidakis, Université Paris 7, FR

14.00-15.00

Jeffrey Burdges

University of Manchester, UK

*Simple  $L^*$ -groups of odd type*

15.00-16.00

Eric Jaligot

CNRS, Université Claude Bernard, FR

*Groups of finite Morley rank: current progress, current problems*

16.00-16.30

Coffee break

## Afternoon Session 2:

Chair: Zoe Chatzidakis, Université Paris 7, FR

16.30-17.00

Maryanthe Malliaris

University of California at Berkeley, US

*The independence property: structure and randomness*

17.00-17.30

Giuseppina Terzo

Seconda Università degli Studi di Napoli, IT

*Exponential Algebra*

19.00

Dinner

## Thursday 13 August

## Morning Session 1:

Chair: Byunghan Kim, Yonsei University, KR

09.00-10.00

Janos A. Makowsky

Technion - Israel Institute of Technology, IL

*Graph polynomials and categoricity*

10.00-11.00

Thomas Scanlon

University of California at Berkeley, US

*Dynamical Mordell-Lang problems*

11.00-11.30

Coffee break

## Morning Session 2:

Chair: Byunghan Kim, Yonsei University, KR

11.30-12.00

Fares Maalouf

Université Paris 7, FR

*Defining groups in linear  $\mathbb{C}$ -minimal structures*

12.00-12.30

Juan Diego Caycedo

Oxford University, UK

*Expansions of the complex multiplicative group and complex elliptic curves by dense subgroups*

12.30-14.00

Lunch

## Afternoon Session 1:

Chair: Martin Ziegler, University of Freiburg, DE

14.00-15.00

Ehud Hrushovski

University of Jerusalem, IL

*Stabilizers without stability*

15.00-16.00

Anand Pillay

University of Leeds, UK

*Lecture*

16.00-16.30

Coffee break

## Afternoon Session 2:

Chair: Ludomir Newelski, Uniwersytet Wrocławski, PL

16.30 – 17.30

Forward Look Session

20.00

Get-together & Conference Dinner

## Friday 14 August

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Breakfast & Departure

## Posters

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- Please refer to List of Accepted Posters. Posters can be fixed with tape onto poster panels.
- Recommended poster size is 140 cm high x 100 cm wide. Use letters and drawings that can be read from approximately 100 cm distance.