ARCTIC NUMBER THEORY WORKSHOP ON DIOPHANTINE AND TRANSCENDENTAL METHODS

15–20 JUNE 2013 SAARISELKÄ, LAPLAND, FINLAND

http://www.oulu.fi/lukuteoria/ANTW2013_main.html

The main topics of the conference are approximations of algebraic numbers with applications, arithmetical properties of classical constants and continued fractions, Diophantine approximations, irrationality and transcendency of numbers, hypergeometric and q-series methods, lower bounds of linear forms, modular methods.

Plenary lecturers: Mike Bennett, Vancouver, Canada; Frits Beukers, Utrecht, Netherlands; Yann Bugeaud, Strasbourg, France; Wadim Zudilin, Newcastle, Australia.

Invited speakers: Boris Adamczewski, Lyon, France; Shabnam Akhtari, Oregon, USA; Masaaki Amou, Kiryu, Japan;Patrick Ingram, Colorado, USA; Simon Kristensen, Aarhus, Denmark; Ville Merilä, Rome, Italy; Igor Rochev, Moscow, Russia; Masha Vlasenko, Dublin, Ireland.

Nonlinear Elliptic and Parabolic Partial Differential Equations

The purpose of the workshop is to bring together specialists in the field of Elliptic and Parabolic Nonlinear Partial Differential Equations in order to emphasize future theoretical trends and their applications. Among other topics, the workshop will focus on qualitative properties of solutions to elliptic equations, regularity of solutions, asymptotic behavior of solutions to parabolic equations, new equations from mathematical physics and biology. The workshop also aims to be a good state of art information for young researchers.

Invited speakers: Lucio Boccardo (Roma), José Antonio Carrillo (London), Jean Dolbeault (Paris), Alessio Figalli (Austin)-to be confirmed, Marek Fila (Bratislava), Ugo Gianazza (Pavia), Hans-Christoph Grunau (Magdeburg), Giuseppe Mingione (Parma), Enzo Mitidieri (Trieste), Filomena Pacella (Roma), Patrizia Pucci (Perugia), Bernhard Ruf (Milano), Sandro Salsa (Milano), Philippe Souplet (Paris), Guido Sweers (Köln), Susanna Terracini (Torino), Juan Luis Vazquez (Madrid).

Information: http://www.mate.polimi.it/nep2de/

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