



Symmetries of Graphs and Networks (SYGN IV)
and 2014 PhD Summer School in Discrete Mathematics

Rogla, Slovenia, June 29 - July 5, 2014

<http://www.famnit.upr.si/sl/konference>

INVITED SPEAKERS AT SYGN IV WORKSHOP:

Marston Conder (University of Auckland, New Zealand),
Shaofei Du (Capital Normal University, China),
Yan Quan Feng (Beijing Jiaotong University, China),
Michael Giudici (University of Western Australia, Australia),
Isabel Hubard (IMATE-UNAM, Mexico),
György Kiss (Eötvös Loránd University, Hungary),
Young Soo Kwon (Yeungnam University, South Korea),
Luis Martinez Fernandez (University of the Basque Country, Spain),
Joy Morris (University of Lethbridge, Canada),
Tamás Szönyi (Eötvös Loránd University, Hungary),
Paul Terwilliger (University of Wisconsin-Madison, USA),
Steve Wilson (Northern Arizona University, USA),
Dave Witte Morris (University of Lethbridge, Canada).

SUMMER SCHOOL PROGRAMME: Aimed at bringing PhD students to several open problems in the active research areas, three minicourses (6 hour of lectures each) will be given on the following topics:

- *Construction techniques for graph embeddings* (Mark Ellingham, Vanderbilt University, USA),
- *Combinatorial designs* (Mariusz Meszka, AGH University of Science and Technology, Poland),
- *Symmetric key cryptography and its relation to graph theory* (Enes Pasalic, University of Primorska, Slovenia).

In addition to lectures, time will also be devoted to workshop sessions and students presentations.

VENUE: Both events will take place at Rogla, a highland in the north-eastern part of Slovenija, located 130 km by road from Slovenian capital Ljubljana. At around 1500m above sea level, the beautiful natural scenery of Rogla provides pleasant climate conditions and stimulating working environment.

ORGANIZED BY University of Primorska, UP IAM and UP FAMNIT, in collaboration with Centre for Discrete Mathematics UL PeF.

SCIENTIFIC COMMITTEE: K. Kutnar, A. Malnič, D. Marušič, Š. Miklavič, P. Šparl.

ORGANIZING COMMITTEE: I. Antončič, A. Hujdurovič, B. Frelj, B. Kuzman.

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For more information, visit our website or email your inquiry to sygn@upr.si.