

13th International Congress on Mathematical Education

July 24 – 31, 2016 in Hamburg / Germany



Topic Study Group 30

Mathematical competitions

Co-chairs:

Maria Falk de Losada (Colombia)

Alexander Soifer (USA)

Team members:

Christian Reiher (Germany)

Jaroslav Svrcek (Czech Republic)

Peter Taylor (Australia)

IPC Liaison person: Binyan Xu (China)

THE PROGRAM

July 26, Tuesday, 12:00 – 1:30

Plenary Talk Alexander Soifer (USA):

Beyond *Lǎozǐ*: The Goals of Mathematics Instruction.

1:10 Iliana Ivanova Tsvetkova (Bulgaria):

Mathematics Competitions as a Tool for Development of Gifted Students

July 27, Wednesday, 12:00 – 1:30

Plenary Talk María Falk De Losada (Colombia):

Are Mathematics Competitions Changing the Way Mathematics Is Being Done
and the Mathematics that Is Being Done?

1:10 Chen Donglin and Frederick K.S. Leung (Hong Kong, China)
China Mathematical Olympiad School: A Case Study

July 29, Friday, 12:00 – 1:30

Plenary Talk Peter J. Taylor (Australia):

Some Reflections, some Suggestions

1:10 Luis F. Caceres Duque, Jose H. Nieto Said, and Rafael Sanchez Lamonedá (Puerto Rico, USA):

The Mathematical Olympiad of Central America and The Caribbean: 17 Years
Supporting Math Contests in the Region

July 30, Saturday, 12:00 – 1:30

Plenary Talk Kiril Bankov (Bulgaria):

Numbers on a Circle

1:10 Borislav Yordanov Lazarov and Albena Vassileva (Bulgaria)

Age Factor in Performance on a Competition Paper