

The 8th International Congress of the World Federation of National Mathematics Competitions (WFNMC)

Graz, 18 – 24 July 2018

Timetable

Thursday, 19 July 2018		
Time	Author	Title
9:00 am	Alexander Soifer, <i>President of WFNMC</i>	Opening ceremony
10:00 am	Clemens Heuberger, <i>Austria</i>	Plenary talk: From the Lifting-the-Exponent-Lemma to Elliptic curves with isomorphic groups of points – how Olympiad Mathematics influences Mathematical Research
11:00 am	Coffee Break	
11:15 pm	Robert Geretschlaeger, <i>Austria</i>	Opening the section “Work with Students and Teachers”, plenary talk
12:15 pm	Jaroslav Švrcek, <i>Czech Republic</i>	Different Solutions to an Olympiad Problem
12:45 pm	Lunch	
2:30 pm	Iliana Tsvetkova, Svetlana Goranova, <i>Bulgaria</i>	Introduction to the Fun and Creativity of Mathematics from a Kindergarten Age
3:00 pm	Svetlana Goranova, <i>Bulgaria</i>	Shall we Dance Math? (Movement as a Tool for Empowering Mathematical Understanding and Abilities)
3:30 pm	Coffee Break	
4:00 pm	Petra Carina Tebaartz, <i>Germany</i>	Proving in Mathematical Olympiads – Requirements for Participants and Insight into their Existing Competencies
4:30 pm	Mark Saul, <i>USA</i>	Julia Robinson Mathematics Festival
5:00 pm	Adjourn	

Friday, 20 July 2018		
Time	Author	Title
9:00 am	Maria de Losada, <i>Colombia</i>	Opening the section “Competitions around the World”, plenary talk
10:00 am	Dmitrij Nikolenkov, <i>Switzerland</i>	Mathematical Challenge in Switzerland
10:30 am	Mike Clapper, <i>Australia</i>	The Australian Scene – catering for difference
11:00 am	Coffee Break	
11:15 am	David Crawford, <i>United Kingdom</i>	Team Maths Competitions in the United Kingdom

11:45 am	Erich Fuchs, Bettina Kreuzer, <i>Germany</i> ; Alexander Slávik, Martina Vaváčková, <i>Czech Republic</i>	Náboj – a somehow different competition
12:15 pm	S. Shokrani, F. Ahmadpour, and S. T. Dastjerdi, <i>Iran</i>	Mathematics A-lympiad in Iran
12:45 pm	Lunch	
2:30 pm	Maria Losada, <i>Colombia</i>	Ten years of the Iberoamerican Mathematics Competition for University Students
3:00 pm	Stoyan Kapralov, Stefka Bouyuklieva, Penka Ivanova, <i>Bulgaria</i>	The Compmath Competition: Solving Math Problems with Computer Algebra Systems
3:30 pm	Coffee Break	
4:00 pm	Yahya Tabesh, Shaya Zarkesh, <i>Iran</i>	Computational Thinking Contest
4:30 pm	Hidetoshi Fukagawa, <i>Japan</i>	SANGAKU traditional Japanese Mathematics
***	Natália Furtado, <i>Cape Verde</i>	Mathematical Olympiads in Cape Verde. Genesis, history and comments
5:00 pm	Adjourn	

Saturday, 21 July 2018		
Excursion day		

Sunday, 22 July 2018		
Time	Author	Title
9:00 am	Alexander Soifer, <i>USA</i>	Opening the section “Building Bridges between Problems of Mathematical Research and Competitions”, plenary talk
10:00 am	Peter Taylor, <i>Australia</i>	Examples of Mathematics and Competitions influencing each other
10:30 am	Maria Falk de Losada, <i>Colombia</i> ; Rafael Sanchez, <i>Venezuela</i> ; Patricia Fauring, <i>Argentina</i>	The influence of mathematics competitions on the evolution of mathematics communities in Latin American countries
11:00 am	Coffee Break	
11:15 am	Sergei Dorichenko, <i>Russia</i>	Mathematics and the Conference of the International Tournament of Towns
11:45 am	Krzysztof Ciesielski, <i>Poland</i>	This depends on the point of view

12:15 pm	Moderator: Alexander Soifer, <i>USA</i>	The Problem Hour – Part I
12:45 pm	Lunch	
2:30 pm	Moderator: Alexander Soifer, <i>USA</i>	The Problem Hour – Part II
3:30 pm	Coffee Break	
3:45 pm	Kiril Bankov, <i>Bulgaria</i>	Hunting of lions: inversion may help
4:15 pm	Moderator: Borislav Lazarov, <i>Bulgaria</i>	Workshop: Challenges in organizing math competition in multiple-choice format
5:15 pm	Adjourn	

Monday, 23 July 2018		
Time	Author	Title
9:00 am	Kiril Bankov, <i>Bulgaria</i>	Opening the section “Creating Problems and Problem Solving”, plenary talk
9:45 am	Alexander Soifer, <i>USA</i>	The Flavor of the Colorado Mathematical Olympiad
10:15 am	Marcin Kuczma, <i>Poland</i>	A functional equation arising from compatibility of power means
10:30 am	Krzysztof Ciesielski, <i>Poland</i>	On some standard-like problems and nonstandard solutions
11:00 am	Coffee Break	
11:15 am	Robert Geretschläger, <i>Austria</i>	Balls and Polyhedra
11:45 am	Christian Dorner, <i>Austria</i>	Fun with flags
12:15 pm	Edmundas Mazėtis, Romualdas Kašuba, <i>Lithuania</i>	The inherent relativity of problem posing and solving - or how to make a math problem seem remarkably easy and accessible on the outside, while hiding difficulty and challenges on the inside at the same time
***	Francisco Bellot Rosado, <i>Spain</i>	Some problems from the Mediterranean Mathematics Competition during their first 20 years of life
12:45 pm	Lunch	
2:30 pm	General Meeting of WFNMC (Report of the President, Discussion)	
3:30 pm	Coffee Break	
4:00 pm	General Meeting of WFNMC (Elections and other issues)	
5:00 pm	Adjourn	

*** This talk will not be presented.