



EUROPEAN STUDENT CONFERENCE
IN MATHEMATICS and SCIENCE

**CONFERENCE PROGRAMME
ABSTRACTS BOOKLET**

EUROMATH & EUROSCIENCE 2018
7-11 March 2018 - Krakow, Poland

Young Researchers, Mathematicians and Scientists of age 9-18

ORGANISERS



Host



European
Mathematical
Society



Kraków



SPONSORS & COLLABORATORS

EUROMATH & EUROSCIENCE 2018 PROGRAMME

Friday, 9 March 2018				
Pedagogical University of Krakow, Poland				
REGISTRATIONS (ROOM 118): For Conference participants and competition finalists				
Place	Room 114	Room 119	Room 120	Room 121
Coordinators	R. Schneidt, A. Alfieri	G. Malara, B. Rozek	B. Pieronkiewicz, E. Urbańska	B. Hejmej, M. Z-Fashami
09:00 – 09:20	WS6 MATHEMATICS AND CREATIVITY: AN APPROACH USING DIGITAL STORYTELLING Anna Alfieri, Liceo Scientifico "Luigi Siciliani" Catanzaro, Italy	IS MATHS REAL? Alexandros Violetti, The Grammar School, Nicosia, Cyprus	ORDER IN CHAOS – PEACE IN DISCORD – ASSURANCE IN PROBABILITY Antreas Haperis, Nikolas Fournaris, American Academy Larnaca, Cyprus	A QUANTUM BRAIN? Apostolou H., Dimitrakopoulou A., Dimitrakopoulou M., Gennaraki G., Minaretzi F., Mpakella A., Karalekas I., Koumpi O., Koudigkeli G., Safarika E., Sapounaki I., Syrigou K., Pierce - The American College of Greece, Greece
09:20		THE MONTY HALL PARADOX Karlo Androvec, Maja Juric, Virna Nilovic, Prva rijeka hrvatska gimnazija, Rijeka, Croatia	MATHEMATICS AND ART Michalis Nicolaou, Sophia Tsokkou, American Academy Larnaca, Cyprus	PASSPORT, PLEASE Petar Vuckovic, Gymnasium, Kotor, Montenegro
09:40 – 10:00	WS7 THE MATH-GAMES METHODOLOGY: HOW TO LEARN THE BASICS OF MATHEMATICS BY PLANNING GAMES Roland Schneidt, Volkshochschule Schrobenhaisen, Germany	MATHEMATICS IN MAKING CLOTHES Filip Baronic, Iva Betlehem, Osnovna Skola Fran Koncelak, Drnje, Croatia	EXPLORING THE ANCIENT GREEKS' MYSTIC AND TOPOGRAPHICAL SYMMETRIES Thanasis Bakalis, Stellos Samaras, Sofia Bakali, Christodoulos Karapatakis, Diastaseis Private School, Greece	ENLIGHTENING LIGHT: THE DOUBLE-SLIT EXPERIMENT Safarika Eleftheria, Pierce - The American College of Greece, Greece
10:00 – 10:20		THE PRINGLES FUNCTION Saga Anderholm Hansson, Linnea Olsson, Polhemskolan, Lund, Sweden	MATHEMATICS AND MUSIC CAN EXPLAIN EVERYTHING Soultana Fani Adamidou, Alexios Flamouropoulos, Diastaseis Private School, Greece	STRUCTURE, PROPERTIES AND FUNCTION: THE QUEST FOR MATTER'S MINIMAL PARTS Siotis Aris, Pierce - The American College of Greece, Greece
10:20 – 10:40		MATHEMATICS AND PHOTOGRAPHY Aleksandra Dziadosz, Polhemskolan, Lund, Sweden	MATHEMATICS - POETRY: AN UNDOUBTEDLY CHARMING ENCOUNTER Alexios Flamouropoulos, Soultana Fani Adamidou, Diastaseis Private School, Greece	WAVES CAN SAVE THE WORLD Nicola Votino, Dante Zollo, Francesco Piccolo, Francesco Tinessa, Fernando Ferraro, Federico Cotroneo, Liceo Scientifico G. Rummo, Benevento, Italy

WS7 THE MATH-GAMES METHODOLOGY: HOW TO LEARN THE BASICS OF MATHEMATICS BY PLANNING GAMES

Roland Schneidt, Volkshochschule Schrobenhaisen, Germany

The European Erasmus+ Project 2015 to 2018 "Math-GAMES - Games and Mathematics in Education – Compendiums, Guidelines and Courses for Numeracy Learning Methods Based on Games" will help to answer the questions:

How can we reduce the number of people, who cannot count and calculate, to promote social integration and participation into our society?

How can we increase incentives in education by using games?

How can we offer tailored learning opportunities to individual learners by using games?

During the workshop Math-GAMES the Co-ordinator of the project Roland Schneidt will explain the project and the material, which can be downloaded for free from the website and which will help the teacher to use a methodology based on games www.math-games.eu

In addition, an example is discussed of how to use a selected game in the classroom to learn how to calculate. The workshop is aimed primarily at teachers who want to get to know the MathGAMES methodology. However, interested students may also participate.

As the MathGAMES project has not yet been finalized, the workshop participants' experiences and opinions can be incorporated into the results of the project.

EUROPEAN CONFERENCE IN MATHEMATICS & SCIENCE



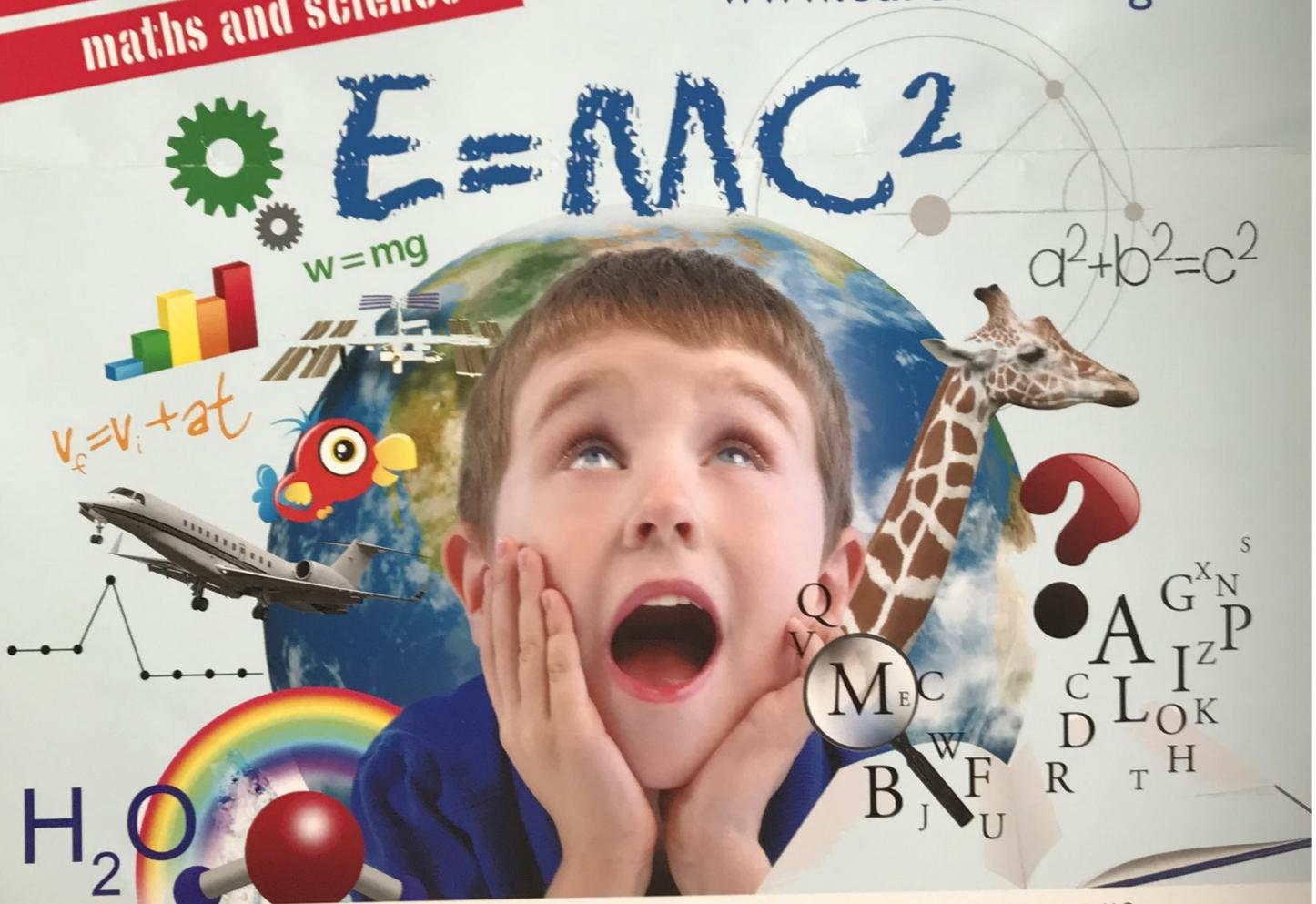
7-11 March 2018

Krakow | Poland

young researchers
FOR STUDENTS OF AGE 9-18
maths and science

www.euroscience.info

www.euromath.org



ORGANISERS



Host



SPONSORS & COLLABORATORS



CONTACT US

+357 22 283 600
info@euromath.org
European Student Conference in Mathematics - EUROMATH





Participants of the EuroMath Conference in Cracow are listening to the presentations on the 9th of March 2018.

EUROPEAN STUDENT CONFERENCE
IN MATHEMATICS and SCIENCE



7-11 MARCH
KRAKOW • POLAND



CERTIFICATE OF PARTICIPATION

By the authority of the Cyprus Mathematical Society and the Thales
Foundation, this certificate is awarded to

Schneidt Roland
Germany

for participating to the EUROMATH and EUROSCIENCE 2018 Conference,
which took place between 7 to 11 March in Krakow, Poland



Dr Gregory Makrides

Chair of the Organizing Committee of the Conference
President of the Cyprus Mathematical Society
President of the Mathematical Society of South-Eastern Europe

ORGANIZERS

