

Education Days

Room: Sanat Odası, Library

Sunday, 15 May

- 14:45 – 15:10 **Why Computer Science Matters in School?**
Helmut Caba – University of Salzburg/PH Salzburg, Austria
- 15:10 – 15:35 **Teaching Programming at Secondary School Level**
Cornelia Mayer – University of Salzburg, Austria
- 15:35 – 16:00 **Using Technological Tools in Learning of Mathematics**
Melike Yiğit Koyunkaya – Dokuz Eylül University, Turkey
- 16:00 – 16:30 Tea
- 16:30 – 16:55 **On the Use of Technology in Teaching Mathematics at Secondary School Level**
Simon Plangg – University of Salzburg, Austria
- 16:55 – 17:20 **Applied Mathematical Programming in MATHCAD**
Reinhard Pfoser – HTL Braunau, Austria
- 17:20 – 17:45 **Constructive Solid Geometry in Education**
Cornelia Haslinger – University of Salzburg, Austria

Monday, 16 May

- 14:35 – 15:10 **My Humble Experience with Pupils**
Ali Nesin – İstanbul Bilgi University, Turkey
- 15:10 – 15:35 **Algorithmic Thinking in the Focus of Mathematics and Computerscience Education**
Karl Fuchs – University of Salzburg, Austria
- 15:35 – 16:00 **The Fundamental Idea of Functional Dependence in Teaching Cryptography at Secondary School Level**
Teresa Bachinger – University of Salzburg, Austria
- 16:00 – 16:30 Tea
- 16:30 – 16:55 **Mathematics Curriculum in Turkey and a Comparison with the CCSS in the US**
Evrin Erbilgin – Muğla Sıtkı Koçman University, Turkey
- 16:55 – 17:20 **Opinions Of Mathematics Teacher Candidates Regarding Microteaching Experiences And Their Expectations From School Practice Lessons**
Deniz Kılıç – Muğla Sıtkı Koçman University, Turkey

Tuesday, 17 May

- 14:45 – 15:10 **The Sparkling Science Project EMMA**
Andreas Schröder – University of Salzburg, Austria
- 15:10 – 15:35 **University Mathematics in Vocational Secondary Schools**
Wolfgang Schmid – University of Salzburg, Austria
- 15:35 – 16:00 **Cryptography in School Teaching**
Ingo Rath – AKG Salzburg, Austria
- 16:00 – 16:30 Tea
- 16:30 – 16:55 **How to Solve Variational Inequalities in Secondary Schools**
Gregor Milicic – University of Salzburg, Austria

EMMA in the Mathematics Village

Şirince, Turkey, 14 – 18 May 2016

A workshop of the Sparkling Science Project

EMMA – Experimentation with Mathematical Algorithms

Department of Mathematics
University of Salzburg

Organization

Univ.-Prof. Dr. Clemens Fuchs
Ao. Univ.-Prof. Dr. Karl Fuchs
Ao. Univ.-Prof. Dr. Wolfgang Schmid
Univ.-Prof. Dr. Andreas Schröder

University of Salzburg, Austria



in cooperation with
the School of Education of the University of Salzburg
and the Austrian secondary schools
HTL Braunau and Akademisches Gymnasium Salzburg

