

EUROMATH 2010			
CONFERENCE PROGRAMME			
Thursday, 25 February 2010			
All day	Arrivals		
16:00-23:00	Registration Volksschule Bad Goisern, Marktsrasse 7(Site #1)		
Friday, 26 February 2010			
8:00-9:15	Registration Volksschule Bad Goisern, Marktsrasse 7 (Site #1)		
9:30-10:30	EUROMATH 2010 Opening Ceremony Musikschule Euromath lecture halls(Site #3)		
10:30-11:00	Coffee break		
Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Michael Lambrou	Athanasios Gagatsis	
11:00-12:00	<u>Workshop 1</u> Geometric constructions in relation with algebraic and transcendental numbers Professor Jean-Pierre Demailly, Université de Grenoble, Institut Fourier, France	<u>Workshop 2</u> Invariant Transformations Professor Grozdev Sava, Bulgarian Academy of Sciences, International Higher Education Academy of Sciences, Bulgaria	

EUROMATH 2010

CONFERENCE PROGRAMME

Friday, 26 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Theoklitos Parayiou	Dimitris Karantanos	Savvas Timotheou
12:00-12:20	A Square Cut By Two Rays At 45° Gylubeyaz Fahri Ahmed Valcho Milchev - scientific advisor "Petko Rachov Slaveikov" Secondary School, Kardzhali, Bulgaria	Codes, systems and banking secrets Isacco Levy Scuole della Comunità Ebraica Italy	Invariants Streteta Roland National College "Vasile Lucaciu" Romania
12:20 – 12:40	Finding the Algebraical Rule in Geometric Patterns Kosyvas Dimitrios, Kosyva Aimilia Varvakeio Pilot School of Athens Greece	2012: Myth or reality Kizakis Theologos, Nikolaidou Androniki Danae Zervos Center Of Foreign Languages Teacher: Maria Fokas, Greece	Fermat's Problem with one negative and two positive weights Nadezhda Aleksieva, Ivelina Lyubenova, Alexander Kolev, Nadezhda Aplakova "Baba Tonka" High School of Mathematics, Bulgaria
12:40 – 13:00	Combinatorial Nullstellensatz Omer Cerrahoglu "Vasile Lucaciu" National College Romania	The loop of the philosophical/mathematical ideas Alexander Papageorgiou Koufidis, Stavroula Tzimoulia Teacher: Maria Fokas, Zervos Center Of Foreign Languages, Greece	Arithmetic Dynamics George Georgiev Kerchev Sofia High School of Mathematics Bulgaria
13:00 – 14:50	LUNCH Festsaal Bad Goisern, Obere Marktstraße 11, Site #2		

EUROMATH 2010

CONFERENCE PROGRAMME

Friday, 26 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Sava Grozdev	Andreas Philippou	
14:50-16:20	<u>Workshop 3</u> Mathematical magic tricks and games for everyone to love Professor Lambrou Michael, University of Crete, Greece	<u>Workshop 4</u> The role of representations and of geometrical figures in problem solving Professor Athanasios Gagatsis, University of Cyprus, Cyprus	
16:20 – 16:40	Break		

EUROMATH 2010

CONFERENCE PROGRAMME

Friday, 26 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Savvas Timotheou	Theoklitos Parayiou	Dimitris Karantanos
16:40-17:00	Circle on a Lattice Maria Georgieva Petkova “Petko Rachov Slaveikov” Secondary School Bulgaria	Coins Weighing Dzhansua Muymyun Ali Valcho Milchev - scientific advisor “Petko Rachov Slaveikov” Secondary School, Bulgaria	Fibonacci's Movement Freya Claydon, Robyn de Jager Philips English School Cyprus
17:00 – 17:20	Complete classification of semi-regular Tetrahedra Rumen Rumenov Dimov Tutor: Vanya Hristova Danova Sofia High School of Mathematics Bulgaria	History of calculation devices Terttu Tamaru, Silja Kask August Kitzberg Gymnasium Estonia	Systems of equations Petca Alexandra, Feier Florin National College “Vasile Lucaciu” Romania
17:20 – 17:40	Fract@twin Apriceno Azzurra, De Nardo Jessica, Maimone Chiara, Rchetta Giuseppe Teacher: Prof.ssa Alfieri Anna Liceo Scientifico “Luigi Siciliani” Italy	Let's Make a Deal Andrea Nicolaou, Andreas Achilleos, Charilaos Charilaou, Chrysovalantis Georgiou, Nicoletta Mavrommati Pascal Greek School, Limassol Cyprus	Fractals and music Alice Cortinovis Liceo Scientifico “Mascheroni” – Bergamo Italy
17:40 – 18:00	Geometry along the time Ciupitu Andrei Valentin Mihai Eminescu, Rosiori De Vede, Teleorman, Romania	Infinity Simona Konečná, Viktor Sklenčár Spojená škola Kollárova 17 Sečovce Slovakia	Mathematical games Marin Georgiev Sofia High School of Mathematics Bulgaria
20:00	DINNER Festsaal Bad Goisern, Obere Marktstraße 11, Site #2		

EUROMATH 2010

CONFERENCE PROGRAMME

Saturday, 27 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Demetris Karantanos	Savvas Timotheou	Theoklitos Parayiou
9:00-9:20	Fermat's Problem in Geometry Nadezhda Aplakova, Alexander Kolev "Baba Tonka" High School of Mathematics, Bulgaria	On some classes of inequalities Andrei Banco □ "Gheorghe Șincai" National College Romania	The history of numbers Orlea Martina School Fanus Neagu" Braila Romania
9:20 – 9:40	Let's draw with maths Alexandros Achilleos, Eleana Antoniou, Louiza Michail, Eirini Theodosiou, Andreas Xenofontos Pascal Greek School, Limassol, Cyprus	Snowflakes Silvia Macejková, Zdenka Titková Spojená škola Kollárova 17 Sečovce Slovakia	Random walks in trees Yoan Nedyalkov Delchev, Lyuboslav Nikolaev Panchev Vanya Danova– scientific advisor Sofia High School of Mathematics Bulgaria
9:40 – 10:00	Tiling rectangles with polyominoes Yavor Valentinov Papazov, Boris Nikolaev Kolev, Vanya Danova, Konstantin Delchev – scientific advisors Sofia high school of mathematics Bulgaria	General thrigonometric inequalities Moisuc Maria C.N. "Ștefan cel Mare", Suceava Romania	The golden number phi (Φ) and its applications Elena Patsali, Paris Makris, Andreas Soteriou, Maria Ioannou, Teacher: Marios Perdios Pascal English School, Limassol, Cyprus
10:00 -10:20	Numerical methods for solving systems of linear equations Șorodoc Ionuț C.N. "Ștefan cel Mare", Suceava Romania	Hadamard Matrix and its applications Anastasiades Christos, Anastos Michael, Demetriou Charis, Georgiou Michalis, Cyprus	Chromatic number Desislava Kukova High Shool Of Mathematics "Doktor Petar Beron", Varna Bulgaria
10.20 – 10.40	BREAK		

EUROMATH 2010

CONFERENCE PROGRAMME

Saturday, 27 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Andreas Philippou	Theoklitos Parayiou	Savvas Timotheou
10:40-11:00	Criteria of the bunch realization on plane and torus Kurmanbay Alisher, Sadyk Arkas Kazakh-Turkish School (Astana) Republic of Kazakhstan	Improvinoy of inegualities between means Aliyeva Assel, Kuanyshov Abylay High School №134 (Almaty) Republic of Kazakhstan	The Arithmetics of the calendar Georgi Dimitrov Peev, Hristo Atanasov Vladev Bulgaria
11:00 – 11:20	Mathematics and Life: "Eratosthenes" Alexandros Spanos 4th High School of Neapolis – Thessaloniki Greece	Car parking made hard Yelemessov Dauren, Seitmagambetov Nurmukhan Kazakh-Turkish School (Astana) Republic of Kazakhstan	Mirrored numbers with mirrored powers Vlad Cristian Crisan National College “Vasile Lucaciu” Romania
11:20 – 11:40	Number Theory Foundations Popa Andreea Maria Colegiul National ‘Nicolae Balcescu’, Braila Romania	Relationship between two variables Christos Zachariades, Ioanna Zachariadou, Katerina Nicolaou, Teacher: Neophytos Matsas Pascal English School, Limassol, Cyprus	Identities and Inequalities of n-terms Algebra Abdrakhmanov Samat, Temirgaly Dinmukhamed Kazakh-Turkish High School (Esik), Republic of Kazakhstan
11:40 -12:00	Family of circles going through the point of Feuerbah Magdalena Krasimirova Markova, Yoana Danielova Yordanova High School of science and mathematics “Nancho Popovich”, Bulgaria	Erdmofjbrjybob or Mathematics and Cryptology Gabriela Sklenčárová Spojená škola Kollárová 17 Sečovce Slovakia	Methods of solving of inderminate system equations in integers Khalmurzayeva Gulnur High-School for Gifted children №2 (Shymkent) Republic of Kazakhstan

EUROMATH 2010

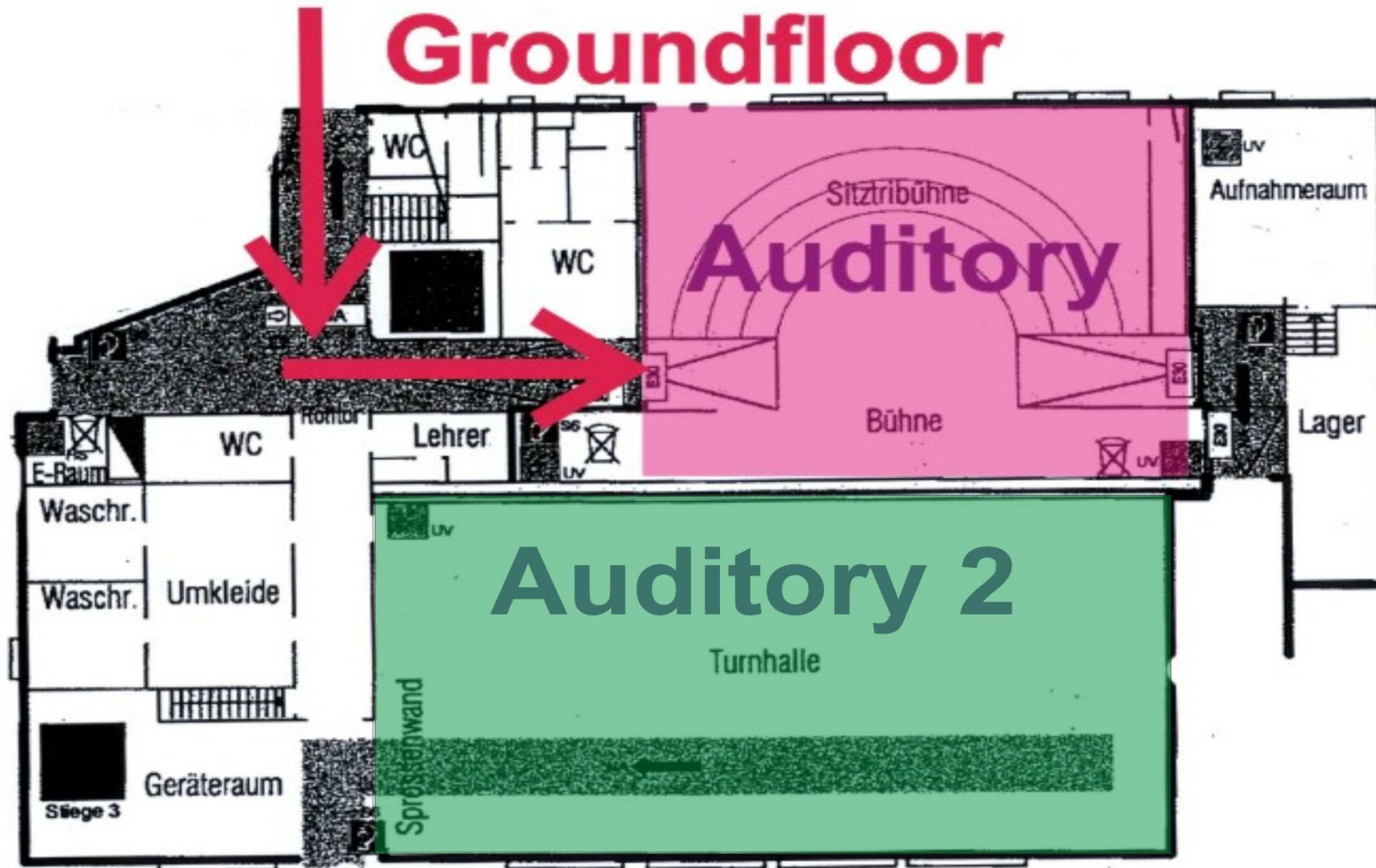
CONFERENCE PROGRAMME

Saturday, 27 February 2010

Place	Auditorium Main	Auditorium 2	Hall 1
Coordinators	Andreas Philippou	Theoklitos Parayiou	Savvas Timotheou
12:00-12:20	Archimedean circles Shoha and Wu Yensebayev Zhomart Kazakh-Turkish School (Almaty) Republic of Kazakhstan	Relationship between triangular and square numbers Savvides Andreana The English School Nicosia Cyprus	Probabilities in Gene Manipulations Einav Nachman Tarbut V' Torah Community Day School United States of America
12:20 – 12:40	Basic-Algorithmic technology in mathematics education Denis Blokh, Olga Chumak, Assoc. Prof. Alexandr Chumak Kharkov National University of Radio Electronics Ukraine		Applications of Mathematics Pătrașcu Viorica Andreea, Jianu Anca Bulgaria
13:00 – 14:00	Lunch Festsaal Bad Goisern, Obere Marktstraße 11, (Site#2)		

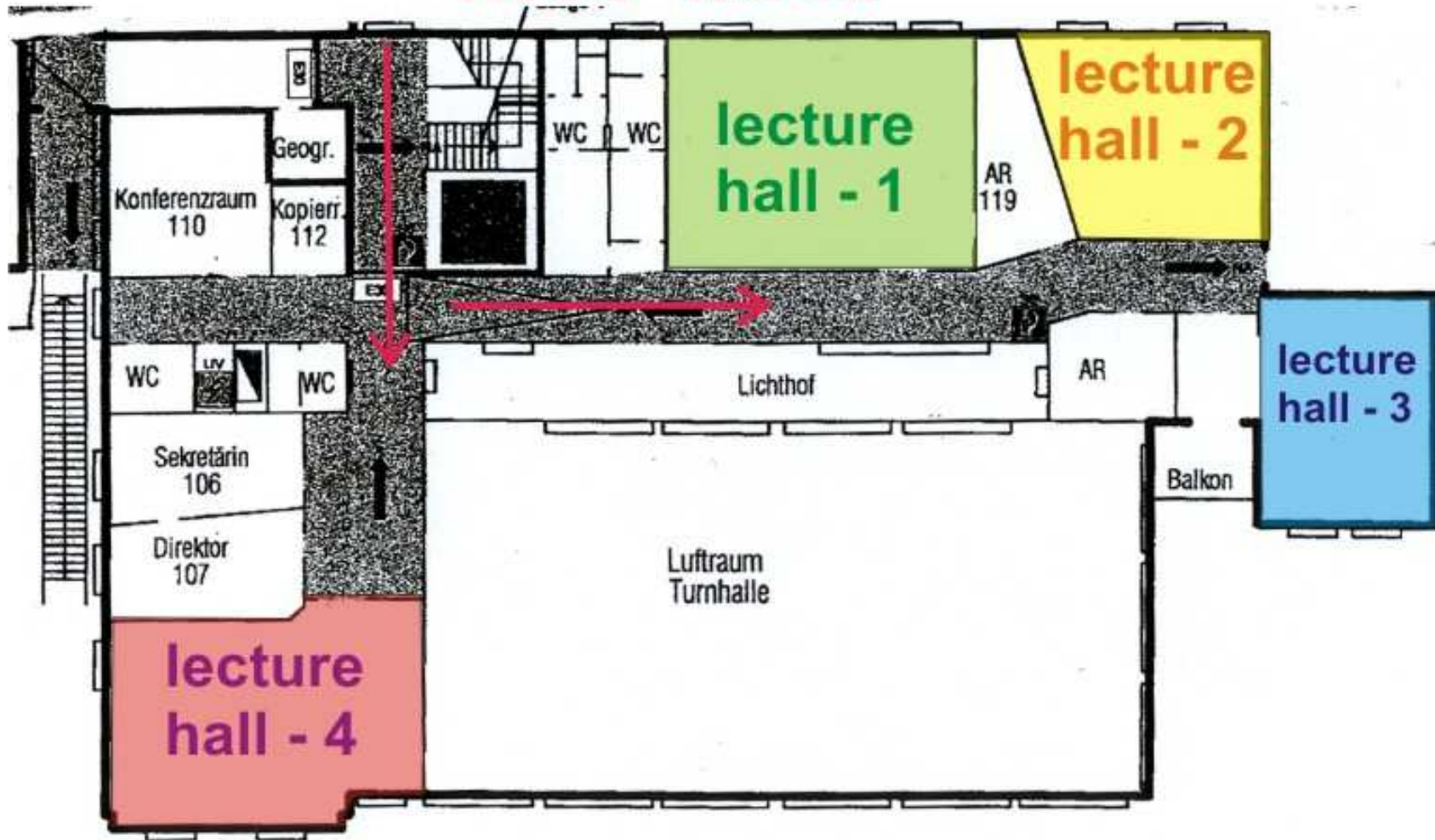
EUROMATH 2010	
CONFERENCE PROGRAMME	
Saturday, 27 February 2010	
14:30-18:00	<p>Excursion for registered and invited Participants only</p> <p>Excursion to HALLSTATT</p> <p>Bus departs from Site#3 : Musikschule Euromath lecture halls at 14:30</p> <p>Bus departs from HALLSTATT entrance at 18:00</p>
20:00	<p>Farewell Dinner Dance for registered and invited participants</p> <p>Festsaal Bad Goisern, Obere Marktstraße 11, (Site #2)</p>
Sunday, 28 February 2010	
	<p>Departures</p> <p>Bus schedule departing from Volksschule Bad Goisern, Marktsrassen 7 (site#1)</p>

CONFERENCE SITE #3 (Musikschule Euromath lecture halls)



CONFERENCE SITE #3 (Musikschule Euromath lecture halls)

first floor



WE THANK OUR SPONSOR

talente
S t i f t u n g

Landesschulrat für OÖ.
Sonnensteinstraße 20
4040 Linz
Tel. 0732/7071/60
email: talente@lsr-ooe.gv.at
www.talente-ooe.at

WE THANK OUR SPONSOR

SPARKASSE 
Bad Ischl AG