PROGRAMME

		Wednesday, 25 Ma	rch 2015	
All day	Arrivals			
	Lobby Area	Atlas Room	Europa A Room	Europa B Room
	(Level 0)	(Level -2)	(Level -2)	(Level -2)
18:00 – 18:20	REGISTRATION			
18:20 - 18:40	for Conference participants and			
18:40 – 19:00	competition finalists			
19:00 – 19:20	MATHPoster Design			
19:20 – 19:40	COMPETITION			
19:40 – 20:00	Submission of printed designs			
		Thursday, 26 Marc	ch 2015	
	Lobby Area	Atlas Room	Europa A Room	Europa B Room
	(Level 0)	(Level -2)	(Level -2)	(Level -2)
08:40 - 09:00	REGISTRATIONS			
09:00 - 09:20	for Conference participants and			
09:20 - 09:40	competition finalists			
09:40 - 10:00	MATHPoster Design COMPETITION			
I	Submission of printed designs			

	Thursday, 26 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)	
All day		MATHPresentation Co	mpetition – Evaluation		
Coordinators		A. Savvides, D. Panagopoulos	Y. Kotsanis, E. Koufopoulou	S. Grozdev	
10:00 – 10:20	REGISTRATIONS for Conference participants and competition finalists	History of Mathematics Tin Prvcic, Croatia	Prediction of the future using mathematical analysis Daria Tolmacheva, Tatiana Sokolova, Julia Vlasova, The Heritage Private School, Cyprus	WORKSHOP 4 No square is negative	
10:20 - 10:40	MATHPoster Design COMPETITION	Mathematics in Cryptology – Key Distribution Eleni-Pagona Kyriazi, <i>Greece</i>	42 Eva Belcar, Ivana Sipus, Ana Marija Knez, XV. Gimnazija, Croatia	by Prof. Sava Grozdev, Bulgarian Academy of Sciences, VUZF University, Bulgaria	
10:40 – 11:00	Submission of printed designs	Golden ratio in music Martina Zimenová, Gymnázium sv. Františka z Assisi, Slovakia	Maths in our solar system Matej Buljan, XV. Gimnazija, Croatia		
11:00 - 11:20		матн	BREAK		
Coordinators		A. Savvides, D. Panagopoulos	Y. Kotsanis, E. Koufopoulou	S. Grozdev	
11:20 – 11:40	REGISTRATIONS for Conference participants and competition finalists	A Combinatorial Game Shiva Sinaei, Fatemeh Ghaderi, Reyhaneh Sharifi, Isfahan Mathematics House, Iran	Do you know how to hide? Effrosyni Sarafi, Aikaterini Iakovou, Hellenic-French School Kalamari, Thessaloniki, Greece	WORKSHOP 8	
11:40 – 12:00	MATHPoster COMPETITION Submission of printed designs	The future of mathematical communication development in the communication of mathematics and other sciences Kosta Balać, Elementary school "Ivo Lola Ribar", Serbia	Fermat's last theorem Alexandros Zafranas, Nikos Maravelias, Hellenic-French School Kalamari, Thessaloniki, Greece	Counting around like a clock by Tomasz Szemberg, Pedagogical University of Cracow, Poland	

		Thursday, 26 Marc	h 2015	
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)
Coordinators		D. Lianos, D. Panagopoulos	Y. Kotsanis, E. Koufopoulou	
12:00 – 12:20	REGISTRATIONS for Conference participants and competition finalists	Mathematics of money dynamics Laura Vero, Elena Scordo, Liceo Scientifico "L. Siciliani" Catanzaro, Italy	Crime through regression models Eleni Nicodemou, Maria Chrysanthou, Lucy Shahabian, Christos Papaioannou, Alexandros Kokkinolambos, Theodora Karaoli, The Grammar School Nicosia, Cyprus	WORKSHOP 1 Mathematics on the chess-board
12:20 – 12:40	MATHPoster COMPETITION Submission of printed designs MATHPresentation Competition –	Mathematics and life Kaja Sertić, Ines Kolar, <i>Braća Radić</i> <i>Primary School, Serbia</i>	Mathematics and chess Sotiris Koukoulas, Kostas Tsomos, Hellenic-French School Kalamari, Thessaloniki, Greece	by Prof. Sava Grozdev, Bulgarian Academy of Sciences, VUZF University, Bulgaria
12:40 – 13:00	Evaluation	About a circle and the 'Power' Despina Zampetaki, Eleni Evagelatou, Model Lyceum Evagelici School of Smyrna	The set of prime numbers in mathematics Muhammad Hussain Qassabi, Shahid Beheshti School, Iran	
13:00 – 15:00	Different op		n Break To those who booked accommodation t	hrough them
Coordinators		D. Lianos, P. Loubardis	A. Demetriou, D. Primalis	J. Novotna
15:00 – 15:20	REGISTRATIONS for Conference participants and competition finalists MATHPoster COMPETITION Submission of printed designs	Voting Paradoxes Vasilis Kopanas, Dioni Kechribari, Christos Panagoulis, Giannis Simantiris, Sophia Spyropoulou, Konstantinos Tomaras, The Moraitis School, Athens, Greece	The mysteries of circle inversions Jelena Družetić, XV. gimnazija, Croatia	WORKSHOP 2 Games in Mathematics Education By Prof. Jarmila Novotna, Charles University in Prague, Faculty of Education, Czech Republic

	Thursday, 26 March 2015					
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)		
Coordinators		D. Lianos, P. Loubardis	A. Demetriou, D. Primalis	J. Novotna		
15:20 – 15:40		Bouncing light beam Kresimir Bestak, XV. Gimnazija, Croatia	Spider mathematics Faezeh Karami, Kowsar High School, Iran	WORKSHOP 2		
15:40 – 16:00		Relation between music and mathematics Hila Maleki, <i>Iran</i>	Generalization of a Thébault's theorem Mariya Delyakova, Sofia High School of Mathematics, Bulgaria	WORKSHOP 2		
16:00 – 17:00		Opening Ceremony of the EUROMATH Conference and Le-MATH Competitions				
17:00 – 17:30		COFFEE BREAK OFFER	ED BY THALES FOUNDATION			
17:30 – 20:00		MATHeatre Europe 2015 Competition Part I (Open to the public)				

PROGRAMME

	Friday, 27 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)	
Coordinators		E. Koufopoulou, P. Makrygiannis	K. Treguer, A. Krimpeni	A. Gagatsis	
09:00 - 09:20					
09:20 - 09:40	REGISTRATION	Practical use of Bézier curves Peter Ľuba, Spojená škola, Slovakia	Exploring conic sections and the catenary Aris Mornto, Aikaterini Bampagiouris, Vasiliki Liakopoulou, Hector Melissinos, Athens College, Greece	WORKSHOP 12	
09:40 - 10:00		Fundamental mathematics of computer science – Boolean algebra Stergios Bitloglou, Vaia Kontou, George Gousiopoulos, Hellenic-French School Kalamari, Thessaloniki, Greece	Fibonacci numbers in economic and harmonic patterns Mohammad Mahdi Ajalli, Iran	ORIGAMI – Metamorphose of plane paper into geometry solid by Natalija Budinski, <i>Primary and Secondary School "Petro Kuzmjak" Serbia Mathematical Society, Serbia</i>	
10:00 – 10:20		Gear Hesam Madadi Masuleh, Mohammad Mahdi Ahmadi, <i>Shahid</i> <i>Beheshti High School, Iran</i>	Mathematics and cells Odutemu Anne Ogheneruayegba, Ogunleye Favour, Lawal Moyosore, The Concord School, Nigeria		
10:20 - 10:40		Calculator Atoms Milad Ebrahimi, Shahid Beheshti High School, Iran	Colourful planes Wojciech Niewiara, Piotr Sikorski, Michał Stach, Tobiasz Szemberg, Gimnazjum im. Jana Matejki, Zabierzów, Poland	WORKSHOP 13 The role of counter examples in overcoming errors in Mathematics By Prof. Athanasios Gagatsis, Vice-Rector, University of Cyprus and Vice-President of the Cyprus	

	Friday, 27 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)	
Coordinators		E. Koufopoulou, P. Makrygiannis	K. Treguer, A. Krimpeni		
10:40 – 11:00	REGISTRATION MATHPoster COMPETITION Submission of printed designs	The Fingerprint of God Maria Vinogradova, Maria Karlson, The Heritage Private School, Limassol, Cyprus	Mathematical applications in politics Panagiotis-Eleftherios Eleftherakis, Sophi Exarchou, Varvakeion Experimental Lyceum, Greece	WORKSHOP 13	
11:00 – 11:20		MATH	BREAK		
Coordinators		A. Savvides, P. Makrygiannis	D. Lianos, A. Krimpeni	A. Demetriou	
11:20 – 11:40		Egyptian Fractions Sina Rahnama, Erfan Saidi Behrouz, Bright Student Shahid Beheshti School, Iran	Mathematics and music Letsuwa Johnson, Woleola Temola, Delebalogun Oreoluwa, <i>The</i> Concord School, Nigeria	Webysuep 7	
11:40 – 12:00	REGISTRATIONS for Conference participants, MATHeatre and MATHFactor	Observing curves and surfaces Klara Banic, Karlo Grozdanic, Marin Knezevic, XV. gimnazija, Croatia	Omar Khayyam, Great scientist of Mathematics and Poetry Shahriar Shaghaghi, Shahid Beheshti High School, Iran	WORKSHOP 7 Some games are numbers and the nim-sum by Andreas Demetriou, The	
12:00 – 12:20	finalists MATHPoster COMPETITION Submission of printed designs	Method of multiplying a number by 11 Sana Arfaei, Farzanehgan High school ,Iran	Approximation of square root of 2 – diagonal and side numbers Caterina Pomohaci, Students of 8th Lyceum of Athens, Greece	Grammar School Nicosia, Cyprus Mathematical Society, Cyprus	
12:20 – 12:40		Golden ratio and number φ Elina Philipoglou, Despina Hatzopoulou, Alexandra Nikonanou, Hellenic-French School Kalamari, Thessaloniki, Greece	Mathematics and Music Shahriar Shaghaghi, Shahid Beheshti High School Zanjan, Iran		

EUROMATH 2015 PROGRAMME (updated 8 March 2015)

Friday, 27 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)
Coordinators		A. Savvides, P. Makrygiannis	D. Lianos, A. Krimpeni	
12:40 – 13:00	REGISTRATION	Square root of three/four-digit numbers Sana Sasani, Iran	Multiplication techniques Letsuwa James, Adeyemo Bolaji, Amosu Senyon, Tolu Adepoju, <i>The</i> Concord School, Nigeria	
13:00 – 15:00	Lunch Break Different options — coupons offered by TopKinisis to those who booked accommodation through them			
Coordinators		E. Koufopoulou , H. Panoutsopoulos	D. Lianos, A. Krimpeni	A. Skoteinos
15:00 – 15:20	REGISTRATION	The chicken game and its applications in international relations Filippos Kritsalis and Theodoros Sechopoulos, The Moraitis School, Athens, Greece	Mathematics in daily life Filip Jakupec, Croatia	WORKSHOP 11 Why does Mathematics in school matter?
15:20 – 15:40	MATHPoster COMPETITION	Various figures in finite planes Mateusz Janus, Jakub Mazur, Jakub Niewiarowski, Radosław Peszkowski, Andrzej Szablewski, Gimnazjum im. Jana Matejki, Zabierzów, Poland	Harmony in mathematic Fatemeh Mahmoodi, Farzaneghan1 Highschool, Zanjan, Iran	By Andreas Skotinos, Cyprus Mathematical Society and Thales Foundation, Cyprus

PROGRAMME

	Friday, 27 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)	
Coordinators		E. Koufopoulou , H. Panoutsopoulos	D. Lianos, A. Krimpeni		
15:40 – 16:00		Expedition that bridge the gap between material science and mathematics Marijana Kolosnjaji, Tatjana Govlja, Primary and Secondary School "Petro Kuzmjak", Serbia	All about Complex Numbers Salar Eskandari, Mohammad Hosein Eskandari, Shahid Beheshti High School, Iran	WORKSHOP 9	
16:00 – 16:20		The art of doing math Dimitra Lani, Konstantina Grammenou, Hellenic-French School Kalamari, Thessaloniki,GR	Towards a perfect voting system Alex Brekoulakis, Elena Karachaliou, John Stratoulias, The Moraitis School, Athens, Greece	Geometry of the finite plane By Anna Ochel, Gimnazjum im. Jana Matejki w Zabierzowie, Poland	
16:20 – 16:40	REGISTRATION	P. Bethani, Loukia Chazaki, A. Daniil, Anastasia Tapari, Evangeliki Model Experimental School of Smyrna, Greece	Mathematics and sports Mina Shirinchi, Mohamad Amin Shirinchi, Shahrak Karmandan, Iran		
16:40 – 17:00		Mathematics of biological evolution Emanuela De Chiara, Elena Maria di Virgilio, Liceo Scientifico "L. Siciliani" Catanzaro, Italy	Two triangles with a tangent head and side Amirreza Faramarzi, Iran		
17:00 – 17:30		матн	BREAK		
17:30 – 20:00		MATHeatre Europe 2015 Competition Part 2 – Finals (Open to the public)			

PROGRAMME

		Saturday, 28 Marc	h 2015	
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)
Coordinators		A. Demetriou, P. Makrygiannis	P. Loubardis, A. Krimpeni	A. Christodoulou
09:00 – 09:20		Mathematics and meteorology Konstantina Karachaliou, Aikaterini Smaropoulou, Hellenic-French School Kalamari, Thessaloniki, Greece	The association between parents – child body mass index; A regression approach Aggeliki Giortsiou, Anastasia Maliora, College De La Salle, Greece	
09:20 - 09:40	_	Möbius Strip Mahdi Torabi, Amirhossein Ashnavar, Amirhossein Bahrami, Shahid Beheshti High School, Iran	The largest numbers in our universe and beyond Skevi Saouri, Vaishnavi Bhonge, The Heritage Private School, Cyprus	WORKSHOP 10 Around the Sylvesrter-Gallai problem by Beata Strycharz-Szemberg,
09:40 – 10:00	REGISTRATIONS	The problem of division into "Extreme and mean ratio" Elina Andritsou, loannis Alonistiotis, Model Lyceum Evagelici School of Smyrna, Greece	The geometrical transformation of inversion Dimitrios Bamidis, Panagiotis Misiakos, Athens College Students, Greece	Technical University of Cracow, Poland
10:00 – 10:20		Symmetry and symmetry breaking as creative catastrophe Aristoklis Lagos, Athens College, Greece	Geometric Symmetry in music Pouyan Ramezanpour, Shahid Beheshti High School, Iran	WORKSHOP 3 MATHSTORIES – Storytelling and Maths by Anna Christodoulou, Science Communicator, ICCS-NTUA, Institute of Communication and Computer Systems, National Technical University of Athens, Greece

	Saturday, 28 March 2015				
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)	
Coordinators		A. Demetriou, P. Makrygiannis	P. Loubardis, A. Krimpeni		
10:20 - 10:40 10:40 - 11:00	REGISTRATIONS	Geospatial analysis: A historic overview and a practical application in the island of Cyprus Panayiotis Christou, Panayiota Kentoni, Maria Kyriacou, Theophanis Kyriacou, The GC School of Careers, Nicosia, Cyprus Möbius strip, an infinte journey Lara Avram, Gheorghe Sincai National College and Andrei Petrus,	Tessellations Arapaja Ayodeji Olayode, Farinto Eniola Oluwafumbi, The Concord School, Nigeria 7 (number) in Iran Peyman Ramezanpor, Ganje Danesh Primary School, Iran	WORKSHOP 3	
		Vasile Lucaciu National College, Romania	, .		
11:00 – 11:20		MATH	BREAK		
Coordinators		E. Koufopoulou, P. Makrygiannis	P. Loubardis, A. Krimpeni	A. Demetriou	
11:20 – 11:40	INFORMATION DESK	An introduction to linear programming Nick Chrysochoides, College De La Salle, Greece	Mathematics in our daily life George-Antoine Sarafis, Thomas Polyxroniadis, Panagiota Tsimpou, Hellenic-French School Kalamari, Thessaloniki, Greece	WORKSHOP 6 SER Chessboard by Prof. Nikos Lygeros,	
11:40 – 12:00		Mathematics in motion Tomislav Babić, Fran Luka Antoljak, Yucheng Gong, XV. Gimnazija, Croatia	Game theory Fran Ilčić, XV. Gimnazija, Croatia	University of Lyon, France	

	Saturday, 28 March 2015			
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)
Coordinators		E. Koufopoulou, P. Makrygiannis	P. Loubardis, A. Krimpeni	
12:00 – 12:20		Introduction to numerical mathematics; the theory of interpolation Anastasia Digmpasani, Virginia Sakagianni, College De La Salle, Greece	The tau instead of the Pi Mohammad Hosein Eskandari, Salar Eskandari, Shahid Beheshti High School, Iran	WORKSHOP 6
12:20 – 12:40	INFORMATION DESK	Simplex and Hypercube Amirhossein Marzban, Farshad Beigi, Masood Mirzabaghriyan, Isfahan Math House, Iran	Maths in our Cellves Irini Anastasiadou, Nicoletta Christodoulou, Eleni Koursari, Vicky Kyriacou, Panayiotis Panayiotou, The GC School of Careers, Nicosia, Cyprus	WORKSHOP 5 Repunitis
12:40 - 13:00		The study of mathematical relationships to rainbow Mohaddeseh Tajik, Hanane Yazdi, Maryam Shafiee, Zakaria Razi Student Research Center, Ray one district, Ministry of Education, Tehran, Iran	Finding CPG Islands using hidden Markov model Gergana Marin Georgieva, High School of Mathematics and Natural Sciences "Acad. Nikola Obreshkov", Bulgaria	by Prof. Sava Grozdev, Bulgarian Academy of Sciences, VUZF University, Bulgaria
13:00	End of MATHPoster Design Competition 2015			
13:00 – 15:00	Lunch Break Different options – coupons offered by TopKinisis to those who booked accommodation through them			

PROGRAMME

	Saturday, 28 March 2015				
	Lobby Area	Atlas Room	Europa A Room	Europa B Room	
	(Level 0)	(Level -2)	(Level -2)	(Level -2)	
15:00 – 15:30		Preparation for the MATHFactor Competition			
15:30 – 18:00		MATHFactor Europe Part 1 – Finals Open to the public			
18:00 - 20:00	Rest time – Preparation for the dinn	er dance			
20:00	Departure by bus for those having a dinner ticket. Bus departs at 20:00 from the entrance of the President Hotel. DO NOT FORGET TO TAKE YOUR DINNER TICKET WITH YOU, you need it to enter the Vorres Museum				
20:30 – 00:30	EUROMATH Dinner Dance "Mathematics by night" Announcement of the results of MATHPoster Design Competition and MATHeatre Europe Final Competition Place: The Vorres Museum, 1 Par. Diadochou Konstantinou Str., Paiania, Athens, GR-19002				
00:30	Expected departure to return to hote	l 00:30am			

Sunday, 29 March 2015						
	Lobby Area (Level 0)	Atlas Room (Level -2)	Europa A Room (Level -2)	Europa B Room (Level -2)		
Coordinators		D. Panagopoulos, E. Koufopoulou	A. Demetriou, A. Savvides			
09:40 – 10:00		Mathematics Literature Learning (MLL) Negin Nooshnab, Farzanegan 1 High School, Iran	Flatland: Experiencing an extra dimension Theano Xirouchaki, Elena Tsarouxa, Alexandra Zalokosta, Antigoni Niotaki, The Moraitis School, Athens, Greece			
10:00 – 10:20		Solving a problem Kasra Eskandari Zanjani, Shahid Beheshty High School, Iran	Euclidean division and the continued fractions, periodicity and irrational numbers Despina Maragou, Claudia Ntoubrava, Maria Stratigou-Psarra, Zanneio Experimental Lyceum of Piraeus, Greece			
10:20 – 10:40		Preparation for MATHFactor Finals	Famous numbers Mohamad Amin Shirinchi, Mina Shirinch, NO.916, St 3th, Shahrak Karmandan, Iran			
10:40 – 11:00		Preparation for MATHFactor Finals	Math, the most disciplined ever? Reza Asakereh, Shahid Beheshty High School, Iran			

PROGRAMME

Sunday, 29 March 2015						
	Lobby Area	Atlas Room	Europa A Room	Europa B Room		
	(Level 0)	(Level -2)	(Level -2)	(Level -2)		
11:00 – 13:00		MATHFactor Europe Part 2 – Finals Open to the public				
		(check for possible programme changes. Part 2 may be moved to Saturday afternoon)				
13:00 – 13:30		Announcement of results for MATHPresentation Competition and MATHFactor Europe Competition Closing of EUROMATH 2015				
13:30 - 15:00	Lunch break (own arrangements)					
15:00 – 17:00	Visit to the Acropolis Museum (free tickets for registered participants) See map how to get there by metro. Entering must be in groups of 50 EUROMATH Meeting Point: Outside the entrance of the museum					
	Free night – Departures					
Monday, 30 March 2015						
All day	Departures					