

GROUP A

EUROMATH 2010
Accepted Presentations

A/A	TITLE OF ABSTRACT	SPEAKERS/ AUTHORS	COUNTRY
1	A Square Cut at Two Rays at 45°	Gyulbeyaz Fahri Ahmed, Valcho Milchev - scientific advisor	Bulgaria
2	Applications of Mathematics	Pătrașcu Viorica Andreea, Jianu Anca	Romania
3	Arithmetic Dynamics	George Georgiev Kerchev	Bulgaria
4	Barycentric coordinates in Plane Geometry	Barbuta Stefan – Horia, Teacher: Zamfir Romeo	Romania
5	Building design and earthquakes	Matthew Cohen, Roy Elzur, Eitan Jaffe	USA
6	Circle on a Lattice	Dzhansua Muymyun Ali Valcho Milchev - scientific advisor	Bulgaria
7	Circle on a Lattice	Maria Georgieva Petkova	Bulgaria
8	Complete classification of semi-regular Tetrahedra	Rumen Rumenov Dimov, Tutor: Vanya Hristova Danova	Bulgaria
9	Famous Numbers	Stamate Delia, Spiridon Miruna	Romania
10	Fermat's Problem with one negative and two positive weights	Nadezhda Aleksieva, Ivelina Lyubenova, Alexander Kolev, Nadezhda Aplakova	Bulgaria
11	Fermat's Problem in Geometry	Nadezhda Aplakova, Alexander Kolev	Bulgaria
12	Fibonacci's Movement	Freya Claydon, Robyn de Jager	Cyprus
13	Finding the Algebraical Rule in Geometric Patterns	Kosyvas Dimitrios, Kosyva Aimilia	Greece
14	Fractal Geometry – Benoit Mandelbrot	Akritas Marios	Cyprus
15	Fract@twin	Apriceno Azzurra, De Nardo Jessica, Maimone Chiara, Rachetta Giuseppe Teacher: Prof.ssa Alfieri Anna	Italy
16	History of Algebraic Equations solving	Moscaliuc Anca Maria, Boșneagă Diana-Maria, Radu Andreea Maria	Romania
17	History of calculation devices	Terttu Tammaru, Silja Kask	Estonia
18	Let's Make a Deal	Andrea Nicolaou, Andreas Achilleos, Charilaos Charilaou, Chrysovalantis Georgiou, Nicoletta Mavrommati	Cyprus
19	Let's draw with maths	Alexandros Achilleos, Eleana Antoniou, Louiza Michail, Eirini Theodosiou, Andreas Xenofontos	Cyprus
20	Mathematics and music	Yiorgali Maria	Cyprus
21	Methods to solve inequalities	Chirac Cristian, Ungureanu Remus Dan, Danaila Dan Teacher: Zamfir Romeo	Romania
22	Nonstandard equations	Dobrota Adina, Teacher: Romeo Zamfir	Romania
23	Probabilities in Gene Manipulations	Einav Nachman	USA

24	Random walks in trees	Yoan Nedyalkov Delchev, Lyuboslav Nikolaev Panchev Vanya Danova– scientific advisor	Bulgaria
25	Relationship between triangular and square numbers	Savvides Andreana	Cyprus
26	Relationship between two variables	Christos Zachariades, Ioanna Zachariadou, Katerina Nicolaou, Teacher: Neophytos Matsas	Cyprus
27	The golden number phi (Φ) and its applications	Elena Patsali, Paris Makris, Andreas Soteriou, Maria Ioannou, Teacher: Marios Perdios	Cyprus
28	The loop of the philosophical/mathematical ideas	Alexander Papageorgiou Koufidis, Stavroula Tzimoulia	Greece
29	Tiling rectangles with polyominoes	Yavor Valentinov Papazov, Boris Nikolaev Kolev, Vanya Danova, Konstantin Delchev – scientific advisors	Bulgaria
30	2012: Myth or reality	Kizakis Theologos, Nikolaidou Androniki Danae	Greece
31	Chromatic number	Desislava Kukova	Bulgaria
32	Codes, systems and banking secrets	Isacco Levy	Italy
33	Family of circles going through the point of Feuerbah	Magdalena Krasimirova Markova, Yoana Danielova Yordanova	Bulgaria
34	Hadamard Matrix and its applications	Anastassiades Christos, Anastos Michael, Demetriou Charis, Makris Christos	Cyprus
35	The Arithmetics of the calendar	Georgi Dimitrov Peev, Hristo Atanasov Vladev	Bulgaria
36	Erdsmofjbrkrybop or Mathematics and Cryptology	Gabriela Sklenčárová	Slovakia
37	Infinity	Simona Konečná, Viktor Sklenčár	Slovakia
38	Snowflakes	Silvia Macejková, Zdenka Titková	Slovakia
39	Mathematics and Literature	Cretu Andrei	Romania
40	Mathematical games	Marin Georgiev	Bulgaria
41	Tiling of the plane	Polina Aleksandrova Stoyanova	Bulgaria
42	Mirrored numbers with mirrored powers	Vlad Cristian Crisan	Romania
43	On some classes of inequalities	Andrei Bancoş	Romania
44	Systems of equations	Petca Alexandra, Feier Florin	Romania
45	Invariants	Stretea Roland	Romania
46	General thrigonometric inequalities	Moisuc Maria	Romania
47	Geometry along the time	Ciupitu Andrei Valentin	Romania
48	Numerical methods for solving systems of linear equations	Şorodoc Ionuţ	Romania
49	The history of numbers	Orlea Martina	Romania
50	Divisibility	Popa Andreea	Romania

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A/A	TITLE OF ABSTRACT	SPEAKERS/ AUTHORS	COUNTRY
1	Basic-Algorithmic technology in mathematics education	Denis Blokh, 2 year student, Kharkov National University of Radio Electronics Olga Chumak 5 year student, Kharkov National University of Radio Electronics Alexandr Chumak, Assoc. Prof., Kharkov National University of Radio Electronics	Ukraine