

## PLENARY PRESENTATION

| Title, presenters   | Registration Completed |
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| <b>CERN – THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH: OPPORTUNITIES OF YOUNG RESEARCHERS AND TALENTED YOUTH – MATHS AND SCIENCE IN ACTION</b><br>Professor Evangelos Gazis, National Technical University of Athens, CERN | Yes                    |

## EUROMATH PRESENTATIONS

| Title, presenters  | Registration Completed |
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| <b>MATHEMATICS IN LIFE</b><br>Nikolay Malykh, Elizabeth Paula Kozlova, Bogdan Reshetnikov, Georgy Lisitsin, Alexandros Konstantinou, Pupils of Pythagoras School, Cyprus | Yes                    |
| <b>MATHEMATICS IN COMPUTING</b><br>Dmitry Grebenin, Pupils of Pythagoras School, Cyprus  | Yes                    |
| <b>MATHS IN VIDEO GAMES</b><br>Fran Filipovic, OS braca Radic Koprivnica, Croatia  | Yes                    |
| <b>MATHEMATICS IN FOOTBALL</b><br>Niko Sertic, OS braca Radic Koprivnica, Croatia  | Yes                    |
| <b>SHOPPING MATHEMATICS</b><br>Ida Rupcic, Tara Sambar, OS braca Radic Koprivnica, Croatia   | Yes                    |
| <b>MATHEMATICS IN JOURNALISM</b><br>Ena Omrcen-Ceko, OS braca Radic Koprivnica, Croatia  | Yes                    |
| <b>MATHEMATICS IN GAMBLING</b><br>Patricija Mihoci, OS braca Radic Koprivnica, Croatia   | Yes                    |
| <b>MATHEMATICS IN CIVIL ENGINEERING</b><br>Nikola Kusek, OS Braca Radic Koprivnica, Croatia  | Yes                    |
| <b>APPLICATION OF MATHEMATICS IN HOLIDAYS</b><br>Josip Mikulic, OS braca Radic Koprivnica, Croatia   | Yes                    |
| <b>APPLICATION OF PURE MATHEMATICS IN ECONOMIC THEORIES</b><br>Alireza Mousavi, Alireza Mohammadi, Shahid Besheshti, Zanjan, Iran  | Pending                |
| <b>IMPORTANCE OF MATHEMATICAL ECONOMICS</b><br>Alireza Mousavi, Alireza Mohammadi, Shahid Besheshti, Zanjan, Iran  | Pending                |
| <b>THE RELATIONSHIP OF MATHEMATICS AND MUSIC</b><br>Alireza Mousavi, Alireza Mohammadi, Shahid Besheshti, Zanjan, Iran   | Pending                |
| <b>MATHEMATICS AND PHILOSOPHY: WHAT IS A LIMIT?</b><br>Giuseppe Calio, Giorgia Corrado, Liceo Scientifico “Luigi Siciliani”, Catanzaro, Italy                            | Yes                    |
| <b>THE MATHEMATICAL WAY OF WINNING AT MONOPOLY</b><br>Joel Anicic, Prva rijecka hrvatska gimnazija, Rijeka, Croatia  | Yes                    |
| <b>THE MONTY HALL PARADOX</b><br>Karlo Andlovec, Maja Juric, Virna Nilovic, Prva rijecka hrvatska gimnazija, Rijeka, Croatia   | Yes                    |

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| <b>BIOMATHS</b><br>Ritirato Chiara, Antonio Spina, Zerillo Alessandro, Liceo Scientifico G. Rummo, Benevento, Italy   | Yes     |
| <b>WITH MATHEMATICAL EYE</b><br>Boffa Anna, D'Aronzo Elvira, Iannella Miriam, Sabbatini Andrea, Spina Antonio, Liceo Scientifico G. Rummo, Benevento, Italy                                       | Yes     |
| <b>MUSIC AND MATHS: HATE OR LOVE?</b><br>Formisano Anna, Ritirato Chiara, Zerillo Alessandro, Liceo Scientifico G. Rummo, Benevento, Italy  | Yes     |
| <b>TASTING MATHEMATICALLY</b><br>Adamo Giulia, Chietti Francesco, Panella Valeria, Savinelli Vincenzo, Simeone Francesca, Zeoli Domenico, Liceo Scientifico G. Rummo, Benevento, Italy            | Yes     |
| <b>MATHEMATICS IN MAKING CLOTHES</b><br>Filip Baronic, Iva Betlehem, Osnovna Skola Fran Koncelak, Drnje, Croatia  | Yes     |
| <b>BLOCKCHAIN: WHEN MATHS BECOMES THE FUTURE OF MONEY</b><br>Arina Ghanizadegan, The Grammar School, Nicosia, Cyprus  | Yes     |
| <b>IS MATHS REAL?</b><br>Alexandros Violetti, The Grammar School, Nicosia, Cyprus   | Yes     |
| <b>MATHS VERSUS CRIME</b><br>Nikolas Loizou, Marisa Loizidou, Eleonora Kekkou, The Grammar School, Nicosia, Cyprus  | Yes     |
| <b>THE SECRET OF RANKING</b><br>Elena Syllouri, Ourania Papakyriakou, Yuexuan Gu, The Grammar School, Nicosia, Cyprus   | Yes     |
| <b>VISUALISING MATH</b><br>Andreas Hadjikallis, American Academy Larnaca, Cyprus  | Yes     |
| <b>THE CONFLICT BETWEEN INHERITANCE AND MATHEMATICS</b><br>Chara Toumba, American Academy Larnaca, Cyprus   | Yes     |
| <b>ORDER IN CHAOS – PEACE IN DISCORD – ASSURANCE IN PROBABILITY</b><br>Antreas Haperis, Nikolas Fournaris, American Academy Larnaca, Cyprus   | Yes     |
| <b>MATHEMATICS AND ART</b><br>Michalis Nicolaou, Sophia Tsokkou, American Academy Larnaca, Cyprus   | Yes     |
| <b>WHY THE GOLDEN RATIO TAKES THE GOLD</b><br>Marianna Efstathiou, Anastasia Pipiou, Anastasia Stavrou, Antonietta Haliou, Nicholas Zacharia, Antonis Theodorou, American Academy Larnaca, Cyprus | Yes     |
| <b>CIRCLE</b><br>Pantelis Koshias, Elena Biparva, Anastasis Christoforou, American Academy Larnaca, Cyprus  | Yes     |
| <b>EVERYTHING ABOUT NOTHING</b><br>Herman Wigge, Simon Ljungbeck, Polhemskolan, Lund, Sweden  | Yes     |
| <b>“AND YET IT MOVES”... AND SOMETIMES IT TREMBLES</b><br>Francesco A. Colosimo, Manlio de Pasquale, Pasquale Scalise, Liceo Scientifico “Luigi Siciliani” Catanzaro, Italy                       | Yes     |
| <b>MATHEMATICS AND MUSIC</b><br>Mahyar Jafari Nodeh, Mohammad Reza Daviran, Shahid Beheshti Exceptional Talents, Iran   | Pending |
| <b>CRYPTOGRAPHY</b><br>Negar Maleki, Farzanegan 1, Iran   | Pending |
| <b>IMMEDIATE THIRD ROOTS</b><br>Arnica Kiani, Sevin Vosughi, Meeraj andisheh school, Iran   | Pending |
| <b>THE ROLE OF MATHEMATICS IN MEDICINE</b><br>Shakila Hamdy, Farzaneghan 1, Iran  | Pending |

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| <b>PHILOSOPHY AND MATHEMATICS</b><br>Mohammad Ali Bigdeli, Mohammad Amin Jafari, Bright Student Shahid Beheshti School, Iran  | Pending |
| <b>RUBIK'S CUBE</b><br>Patrik Aleksic, Patricia Baros, Bozena Markovic, Natali Marinkovic, Prva Rijecka Hrvatska Gimnazija, Croatia   | Yes     |
| <b>ANALYSES OF NONOGRAMS</b><br>Ivan Ventsislavov Georgiev, Sofia Mathematics High School, Bulgaria   | Yes     |
| <b>SZEMEREDI'S REGULARITY LEMMA AND EXPANDER GRAPHS</b><br>Kaloyan Todorov Fachikov, Sofia Mathematics High School, Bulgaria  | Yes     |
| <b>FRACTAL STRUCTURE OF DNA</b><br>Pavlovic Marija, Jurisic Milica, Mirjana Jovanovic, "Isidora Sekulic" Grammar School, Serbia   | Pending |
| <b>CRIMINOLOGY IN THE NEED OF MATHEMATICS</b><br>Daria Kovanova, Maria Kaltaveridou, Diastaseis Private School, Greece  | Yes     |
| <b>EXPLORING THE ANCIENT GREEKS' MYSTIC AND TOPOGRAPHICAL SYMMETRIES</b><br>Thanasis Bakalis, Stelios Samaras, Sofia Bakali, Christodoulos Karapatakis, Diastaseis Private School, Greece       | Yes     |
| <b>MATHEMATICS AND MUSIC CAN EXPLAIN EVERYTHING</b><br>Soultana Fani Adamidou, Alexios Flamouropoulos, Diastaseis Private School, Greece  | Yes     |
| <b>MATHEMATICS - POETRY: AN UNDOUBTEDLY CHARMING ENCOUNTER</b><br>Alexios Flamouropoulos, Soultana Fani Adamidou, Diastaseis Private School, Greece   | Yes     |
| <b>THE PRINGLES FUNCTION</b><br>Saga Anderholm Hansson, Linnea Olsson, Polhemskolan, Lund, Sweden   | Yes     |
| <b>MATHEMATICS AND PHOTOGRAPHY</b><br>Aleksandra Dziadosz, Polhemskolan, Lund, Sweden   | Yes     |
| <b>MATH IN URBAN PLANNING AND CONSTRUCTION</b><br>Jakov Dolenc, Andrija Njers, Gimnazija "Fran Galovic" Koprivnica, Croatia   | Yes     |
| <b>A DAY IN THE LIFE OF A DESTRUCTIVE PROJECTILE</b><br>Andria Athanasiadou, Anna-Maria Hadjigregoriou, Constantinos Ioannou, Polycarpos Yiorkadjis, The G C School of Careers, Nicosia, Cyprus | Yes     |
| <b>WHODUNNIT? MATHDUNNIT!</b><br>Anastasiadou Chara, Pavlou Kristina, Yamasaki Patrickiou Helena, The G C School of Careers, Nicosia, Cyprus  | Yes     |
| <b>WHAT MAKES MATH AWESOME?</b><br>Stjepan Delekovcan, Gimnazija "Fran Galovic" Koprivnica, Croatia   | Yes     |
| <b>SIMPLE MATHEMATICAL MODELS IN MUSIC</b><br>Nika Pishkari, Farzanegan 1, Iran   | Pending |
| <b>MAGICAL SQUARE</b><br>Ailin Mirzaee, Roshd school, Zanjan, Iran  | Pending |
| <b>DATA COMPRESSION IN MUSIC INDUSTRY</b><br>Nima Rastgar, Amirhossein Ghorbani, 23rd Misagh St., Zanjan Ct, Iran   | Pending |
| <b>MATHEMATICS AND BALLET</b><br>Brenda Yuritz Martinez Contla, Honorable Secondary School number 1, Mexico   | Yes     |
| <b>ON PERFECT NUMBERS</b><br>Martin Lofstrom, Polhemskolan, Lund, Sweden  | Yes     |
| <b>SEQUENCE RESULTING AS SOLUTION OF TWO COMBINATORIAL PROBLEMS</b><br>Russu Vladimir, Theoretical lyceum A. Puskin, Chisinau, Republic of Moldova  | Yes     |
| <b>IT ALL STARTED WITH A BET</b><br>Zorpas Stephanos, The G C School of Careers, Nicosia, Cyprus  | Yes     |

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| <b>A CIRCLE ROTATES TOWARDS EXCITING MATHEMATICS</b><br>Galati Lina, Pachni Ioanna, Perroti Loukia, Pimbli Natalia, Tzanetou Elena, The Moraitis School, Greece  | Yes     |
| <b>ELLIPSE: AN INCREDIBLE, YET OFTEN OVERLOOKED CURVE</b><br>Georgiou Stavroula, Nikolarea Nikolina, Mamais John, The Moraitis School, Greece  | Yes     |
| <b>P VERSUS NP</b><br>Antonis Bourtzinakos, Dimitra Iosifidou, Stefanos Kantaros, Ioanna Kolyva, Pantelis Mexas, Panagiota Mouteveli, Elena Tziveleki, Georgia Okka, Loukia Pragmateftaki, Dimitris Proios, Evgenia Skagkou, Giorgos Sgourakis, Zanneio Experimental Lyceum of Piraeus, Greece | Pending |
| <b>COLORING SIERPINSKI TYPE CARPET</b><br>Radoslaw Peszkowski, Andrzej Szablewski, Jan III Sobieski High School in Krakow, Poland  | Yes     |
| <b>POLYNOMIALS: FROM A ROUTINE EXERCISE TO A VAST GENERALIZATION</b><br>Pawel Jarosz, Oliwia Jarzęcka, Arkadiusz Ludzik, 7 LO im. Zofii Nalkowskiej w Krakowie, Poland   | Yes     |
| <b>SOLVING FERMAT EQUATION IN 2x2 MATRICES</b><br>Antoni Dera, Kajetan Grzybacz, Alicja Madeyska, 7 LO im. Zofii Nalkowskiej w Krakowie, Poland  | Yes     |
| <b>HOW MATHEMATICS WON WORLD WAR II</b><br>Sergei Novikov, Mariia Goncharova, Ekaterina Lazebnik, The Heritage Private School, Limassol, Cyprus  | Yes     |
| <b>BAYES' THEOREM</b><br>Nicolas Georgiades, Charalampos Zacharia, The English School of Nicosia, Cyprus   | Yes     |
| <b>MATHEMATICAL FALLACIES</b><br>Georgia Tzyrka, Savvas-Odyseas Makariou, Vasiliki Kalimera, Christia Kai, The English School of Nicosia, Cyprus   | Yes     |
| <b>PRIMALITY TESTING AND CARMICHAEL NUMBERS</b><br>Martin Boyanov Stefanov, Sofia High School of Mathematics, Bulgaria   | Yes     |
| <b>WONDERWOMEN</b><br>Lilikaki Marianna, Mavragani Christina, Safarika Eleftheria, Zein Christina, Pierce - The American College of Greece, Greece   | Yes     |
| <b>GOLDEN RATIO</b><br>Barla Anastasia, Barla Dimitra, Theofani Ioanna - Myrto, Theofani Maro - Athina, Pierce - The American College of Greece, Greece  | Yes     |
| <b>GAME THEORY AND THE COLD WAR</b><br>Paulina Acova, International School of Moscow, Russia   | Yes     |
| <b>MATHEMATICS IN COMPUTER GAMES</b><br>Mayya Mukhina, International School of Moscow, Russia  | Yes     |
| <b>MATHS OR LUCK?</b><br>Alexandra Anastasiadou, Andreas Lordos, Andreas Yiakoumis, Christos Antoniou, Petros Vassiliades, The English School of Nicosia, Cyprus   | Yes     |
| <b>MATHEMATICS IN MUSIC, POSSIBLE OR IMPOSSIBLE?</b><br>Octavio Tristan Penaloza Sanchez, Rosario Castellanos, Mexico  | Yes     |
| <b>PASCAL'S TRIANGLE</b><br>Ivan Ventsislavov Georgiev, Martin Boyanov Stefanov, Sofia High School of Mathematics, Bulgaria  | Yes     |
| <b>MATHS AND AUTISM</b><br>Alevrogianni Despoina, Karali Anastasia, Mavropoulou Natalia, Papadede Anna-Maria, Skoura Noni, Nea Genia Ziridis School, Greece  | Yes     |
| <b>DIDO AND HER PROBLEMS</b><br>Giannopoulou Sofia, Grigoriou Katerina, RapthsAggelos, Taraboulous Zak, Nea Genia Ziridis School, Greece   | Yes     |

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| <b>AREA OR PERIMETER OF CIRCLE WITHOUT PI</b><br>Daniel Jovanovski, Zoran Acevski, Filip Kostadinovski, Boban Blazeovski, Yahya Kemal College, FYR Macedonia  | Yes |
| <b>SHADING VENN DIAGRAM WITH GRAPH</b><br>Jusuf Xheladini, Amar Ademi, Yahya Kemal College, FYR Macedonia   | Yes |
| <b>FIGURE-ING A PUNCH</b><br>Aggelos Raptis, Lydia Nikiforiadi, Sofia Kotzamani, Malamatenia Karagianni, Anna-Maria Papadede, Nea Genia Ziridis School, Greece  | Yes |
| <b>PLACE YOUR BETS</b><br>Christodoulou Maria, Fousteri Grigoria, Hadjopoulou Tatiani –Rita, Mania Christina-Ioanna, Petraki Maria, Rova Athena, Sotiriou Alexandra, Nea Genia Ziridis School, Greece | Yes |
| <b>PARADOXES AND HUMAN LOGIC</b><br>Pantazopoulos Nikos, Kontostoli Anastasia, Alexandri Lydia, Sideris Stefanos, Nea Genia Ziridis School, Greece  | Yes |
| <b>IT'S COMING</b><br>Petar Vuckovic, Gymnasium, Kotor, Montenegro  | Yes |

## EUROSCIENCE PRESENTATIONS

| <b>Title, presenters</b>   | <b>Registration Completed</b> |
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| <b>THE FUTURE OF GENE EDITING</b><br>Marinos Eliades, Marika Stephanou, Ekaterina Ignashova, The Heritage Private School, Limassol, Cyprus   | Yes                           |
| <b>A PICO-SATELLITE EMBEDDED IN A SODA CAN FOR ATMOSPHERIC MONITORING AND TELEMETRY TRANSMISSION</b><br>E. M. Buga, W. N. Derscanu, M. Nechifor, S. I. Tanase, Alexandru Cel Bun" College, Gura Humorulu, Romania<br>C. Turturean, M. E. Zagan, D. Tanase, Spiru Haret" Computer Science National College, Romania | Pending                       |
| <b>PASSPORT, PLEASE</b><br>Petar Vuckovic, Gymnasium, Kotor, Montenegro  | Yes                           |
| <b>CARTOONS IN PHYSICSLAND</b><br>Maria Kaltaveridou, Daria Kovanova, Diastaseis Private School, Greece  | Yes                           |
| <b>EVOLUTION OF SPECIES AND ENTROPY</b><br>Thanasis Bakalis, Stelios Samaras, Sofia Bakali, Christodoulos Karapatakis, Diastaseis Private School, Greece   | Yes                           |
| <b>FUTURISTIC HUMAN VISION WITH LENSES</b><br>Tsempis Konstantinos, Diastaseis Private School, Greece  | Yes                           |
| <b>THE EIGHTH DAY</b><br>Alexander Symeonidis, Diastaseis Private School, Greece   | Yes                           |
| <b>THE MAGIC OF COSMOGENY, A NEVER-ENDING QUEST</b><br>Georgiadis Doukas, Diastaseis Private School, Greece  | Yes                           |
| <b>REVERSE CONVECTION</b><br>Sana Sasani, Nemooneh Meraj School Zanjan, Iran   | Pending                       |
| <b>INVESTIGATING THE EFFECTS OF E.M. PROBIOTICS</b><br>Conn Caomhan Muiris, Con O Meachair, Brownswood, Enniscorthy, Co. Wexford Ireland   | Pending                       |
| <b>PERFORMANCE OF PHOTOVOLTAIC CELLS</b><br>Shirel Haibi, Adam Zakheos, Styliana Charalambous, Hadjer Nihat, Desley Gombault, Ellada Mandriti, Souzianna Kiteou, Mediterranean Schools, Cyprus   | Yes                           |

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| <b>WIND ENERGY</b><br>Sofia Savvides, Christos Pantazis, Lucas Giasoumi, Tasnim Derawi, William Preston, Niki Theodoulou, Mediterranean Schools, Cyprus   | Yes |
| <b>MATH IN COMPUTER VISION AND MOMOVEMENT</b><br>Neven Lukic, Gimnazija "Fran Galovic" Koprivnica, Croatia  | Yes |
| <b>RAINS ON OTHER PLANETS</b><br>Sara Svegovic, Mihaela Matijevic, Gimnazija "Fran Galovic" Koprivnica, Croatia   | Yes |
| <b>THE GYROSCOPE</b><br>Adonis Mikeou, The G C School of Careers, Nicosia, Cyprus   | Yes |
| <b>A TRIP ACROSS THE SOLAR SYSTEM</b><br>Sofronis Michael, Anastasia Constantinou, Antria Nicolaou, The English School of Nicosia, Cyprus   | Yes |
| <b>CONQUERING GRAVITY</b><br>Polina Abrosimova, Margarita Mordvina, Nikita Ivanov, International School of Moscow, Russia   | Yes |
| <b>A QUANTUM BRAIN?</b><br>Apostolou Era, Dimitrakopoulou Athina. Dimitrakopoulou M., Gennaraki Garyfallia, Minaretzi Fani, Mpakella Aikaterini, Karalekas Ioannis, Koumpi Olga, Koudigkeli Georgia, Safarika Eleftheria, Sapounaki Ioanna, Syrigou Kassiani, Pierce - The American College of Greece, Greece | Yes |
| <b>ENLIGHTENING LIGHT: THE DOUBLE-SLIT EXPERIMENT</b><br>Safarika Eleftheria, Pierce - The American College of Greece, Greece   | Yes |
| <b>STRUCTURE, PROPERTIES AND FUNCTION: THE QUEST FOR MATTER'S MINIMAL PARTS</b><br>Siotis Aris, Pierce - The American College of Greece, Greece   | Yes |
| <b>A HAND FOR EVERYONE</b><br>Francesco Brescia, Francesco Scerbo, Liceo Scientifico "Luigi Siciliani", Catanzaro, Italy  | Yes |
| <b>THE MAGIC OF COLOURS: BEHIND "CHROMADEPTH" 3D VISION</b><br>Annarita Battaglia, Marzia Gidaro, Giulia Perri, Ada Polizzi, Francesca Torchia, Francesco Scerbo, Liceo Scientifico "Luigi Siciliani", Catanzaro, Italy   | Yes |
| <b>NEWTON VS EINSTEIN</b><br>Christodoulou Maria, Fousteri Grigoria, Hadjopoulou Tatiani –Rita, Mania Christina-Ioanna, Petraki Maria, Rova Athena, Sotiriou Alexandra, Nea Genia Ziridis School, Greece  | Yes |
| <b>THE NOISE OF SOUND</b><br>Andrianopoulos Odysseas, Barakos Nikolas, Daskalothanasi Lydia, Kansou Angeliki, Mixalopoulou Elisavet, Nea Genia Ziridis School, Greece   | Yes |
| <b>WAVES CAN SAVE THE WORLD</b><br>Nicola Votino, Dante Zollo, Francesco Piccolo, Francesco Tinessa, Fernando Ferraro, Federico Cotroneo, Liceo Scientifico G. Rummo, Benevento, Italy  | Yes |
| <b>PHYSICS IN EARTHQUAKE SAFETY</b><br>Luca Vito Iuliano, Fabio Loprete, Gianmarco Nicoletta, Mariateresa Sanseviero, Vincenzo Italia, Concettina Gaccetta, Liceo Scientifico "Luigi Siciliani", Catanzaro, Italy   | Yes |

# WORKSHOPS

| Title, presenters  | Registration Completed |
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| <b>TECHNOLOGICAL ACHIEVEMENTS IN PARTICLE PHYSICS</b><br>Professor Evangelos Gazis, National Technical University of Athens, CERN  | Yes                    |
| <b>USE OF VIRTUAL REALITY IN MAKING MATHEMATICS REAL AND PHYSICAL</b><br>Professor Tomaz Amon, President, Center for Scientific Visualization.<br>A biologist producing educational virtual reality software | Yes                    |
| <b>TRAIN YOUR BRAIN</b><br>Anastasia Solea, Pupils of Pythagoras School, Cyprus  | Yes                    |
| <b>ARE LINES STRAIGHT (FORWARD)?</b><br>Justyna Szpond, Pedagogical University of Cracow, Poland   | Yes                    |
| <b>GEOMETRY OF A FINITE SET OF POINTS</b><br>Tomasz Szemberg, Pedagogical University of Cracow, Poland   | Yes                    |
| <b>MATHEMATICS AND CREATIVITY: AN APPROACH USING DIGITAL STORYTELLING</b><br>Anna Alfieri, Liceo Scientifico "Luigi Siciliani" Catanzaro, Italy  | Yes                    |
| <b>THE MATH-GAMES METHODOLOGY: HOW TO LEARN THE BASICS OF MATHEMATICS BY PLANNING GAMES</b><br>Roland Schneidt, Volkshochschule Schrobenhausen, Germany  | Yes                    |
| <b>ALGEBRAIC EQUATIONS WITHOUT DERIVATIVES</b><br>Sava Grozdev, VUZF University, Sofia   | Yes                    |
| <b>INTRODUCTION TO THE INVARIANT CONCEPT</b><br>Sava Grozdev, VUZF University, Sofia   | Yes                    |
| <b>TELESCOPING SUMS</b><br>Sava Grozdev, VUZF University, Sofia  | Yes                    |
| <b>MATHEMATICS IN THEATRE: QUAD AND CONSUMING SPACE (SAMUEL BECKETT'S QUAD PLAY AND GRAPH THEORY)</b><br>Ozan Evkaya, Atilim University, Ankara, Turkey<br>Gizem Gurer, Ankara University, Turkey            | Yes                    |
| <b>THE MATHEMATICS CUISINE</b><br>Gerovasileiou Antonia, Dimitropoulos Emmanouil, Kopaila Iliana, Diastaseis Private School, Greece  | Yes                    |
| <b>MATHEMATICS THROUGH GAMES</b><br>Mara Grasic, Osnovna Skola, Braca Radic", Koprivnica, Croatia<br>Ksenija Varovic, Osnovna Skola Fran Koncelak, Drnje, Croatia  | Yes                    |
| <b>AN INTRODUCTION TO THE FINITE STATE AUTOMATA</b><br>Vasilis Stavropoulos, Dr Kostis Andriopoulos, The Moraitis School, Athens, Greece   | Yes                    |
| <b>LEARNING MATHEMATICS WITH RUBIK'S CUBE</b><br>Karol Gryszka, Pedagogical University of Cracow, Poland   | Yes                    |