



**11th  
EUROMATH  
&  
EUROSCIENCE  
Student Conference 2019**  
(for pupils of age 9-18)

**Current Programme Highlights**  
(updated 6 February 2019)

**13 - 17 March 2019**  
**Paphos, Cyprus**

**TALKS (for pupils)**

**WS1**

**ELEMENTARY PARTICLE PHYSICS AT CERN (40 min)**

Professor Evangelos Gazis

National Technical University of Athens, CERN

**WS2**

**MEDICAL APPLICATIONS BY NUCLEAR & ELEMENTARY PARTICLE PHYSICS (40 min)**

Professor Evangelos Gazis

National Technical University of Athens, CERN

**KEY NOTE SPEAKER DURING OPENING CEREMONY**

**THE ROLE OF CHEMISTRY, BIOLOGY & PROCESS ENGINEERING IN THE FIGHT AGAINST MICROCONTAMINANTS PRESENT IN THE URBAN WATER CYCLE**

Despo Fatta-Kassinou

Associate Professor, Department of Civil Environmental Engineering, University of Cyprus

Director, Nireas-International Water Research Center, University of Cyprus

**WORKSHOPS (for pupils)**

**WS4**

**ESCAPE ROOM**

Marina Furkes, Bojana Habek

Gimnazija "Fran Galovic" Koprivnica, Croatia

**WS5**

**METAMORPHOSIS OF MATHEMATICAL ASSIGNMENTS**

Mara Grasic, Osnova Skola "Braca Radic", Croatia

Ksenija Varovic, Osnova Skola Fran Koncelak Drnje, Croatia

**WS6****DIVISIBILITY NUMBERS**

Sava Grozdev  
VUZF University, Sofia

**WS7****PRIME NUMBERS**

Sava Grozdev  
VUZF University, Sofia

**WS8****ROBOTICS FOR MATHEMATICS STUDENTS (3,5 hours)**

Pericles Cheng  
Cyprus Computer Society & ROBOTEXT CYPRUS

**WS9****ROBOTICS FOR MATHEMATICS TEACHERS (3,5 hours)**

Pericles Cheng  
Cyprus Computer Society & ROBOTEXT CYPRUS

**WS10****THE MATH-GAMES METHODOLOGY: HOW TO LEARN THE BASICS OF MATHEMATICS BY PLAYING GAMES?**

Roland Schneidt

**WS12****CHEMISTRY OF CLIMATE**

Claire Polycarpou  
International School of Paphos, Cyprus

**WS13****'MAGIC FREQUENCIES' OR 'SEEING SOUND'**

Despina Demetriou, Andrea Hadjialexandrou  
International School of Paphos, Cyprus

**WS14****MAKE YOUR OWN PH INDICATOR AT HOME!**

Natasa Savva, Viviana Petinou  
International School of Paphos, Cyprus

**WS16****MIND MAPPING FOR CHEMISTRY CONCEPTS**

Natasa Savva, Viviana Petinou  
International School of Paphos, Cyprus

**WS17****'BIOLOGICAL MOLECULES' AS LEVEL**

Sotiris Antoniadis,  
International School of Paphos, Cyprus

**WS18****EXPERIMENTAL AND HANDS-ON ACTIVITIES BY ENGINO® USING THE PRODUINO™ CONTROLLER**

George Keliris, Xenia Giannakou  
Engino, Cyprus

**WS19****THE HIDDEN SECRETS WITHIN THE TERMS OF A POLYNOMIAL**

Andreas Demetriou

The Heritage Private School, Cyprus

**WS20****THE MAGIC OF SCIENCE**

Dimitropoylos Manolis, Kopaila Hliana, Gerovasiliou Antonia

Diastaseis Private School, Greece

**WS21****ENJOYING MATH**

Anita Grguric, Zlatka Miculinic Mance

Prva Rijecka Hrvatska Gimnazija, Croatia

**WS22SHOEBOX HABITAT**

Antonis Ignatiou

International School of Paphos, Cyprus

**WS23****ON LINE ARRANGEMENTS AND THEIR PROPERTIES**

Baeta Deregowska

Pedagogical University of Cracow, Poland

**WS24****FUNECOLE® DEVELOPING THE WHOLE CHILD**

Digipro Education Limited

**SPECIAL TALKS (for university students with limited access to pupils)****TECHNOLOGIC ACHIEVEMENTS FOR THE FUTURE ACCELERATORS AT CERN (40 min)**

Professor Evangelos Gazis

National Technical University of Athens, CERN

**SPECIAL WORKSHOP (for university students with limited access to pupils)****CERN LAB (60 min)**

Professor Evangelos Gazis

National Technical University of Athens, CERN

**WORKSHOPS (for teachers)****ROBOTICS FOR MATHEMATICS TEACHERS (3.5 hours)**

Pericles Cheng

Cyprus Computer Society &amp; ROBOTEXT CYPRUS

**CING SYMPOSIUM (for pupils and teachers)****BIOINFORMATICS: COMPUTATIONAL MATHEMATICS IN BIOMEDICINE RESEARCH AND DEVELOPMENT** by The Cyprus Institute of Neurology & Genetics, Cyprus**CS1****BIOLOGY IN NUMBERS**

Andrea Kakouri

The Cyprus Institute of Neurology &amp; Genetics, Cyprus

<p><b>CS2</b>  <b>MEDICINE IN NUMBERS</b>  Christiana Christodoulou, Kyriaki Savva  The Cyprus Institute of Neurology &amp; Genetics, Cyprus</p>
<p><b>CS3</b>  <b>MATHEMATICAL MODELING OF THE BRAIN</b>  Margarita Zachariou  The Cyprus Institute of Neurology &amp; Genetics, Cyprus</p>
<p><b>CS4</b>  <b>BIG DATA OMICS ANALYTICS</b>  Anastasis Oulas  The Cyprus Institute of Neurology &amp; Genetics, Cyprus</p>
<p><b>CS5</b>  <b>COMPUTATIONAL INTELLIGENCE IN BIOMEDICINE</b>  George Minadakis  The Cyprus Institute of Neurology &amp; Genetics, Cyprus</p>
<p><b>CS6</b>  <b>GRAPH THEORY BEHIND BIOMEDICAL NETWORKS</b>  George Spyrou  The Cyprus Institute of Neurology &amp; Genetics, Cyprus</p>
<p><b>THE MATHEMATICAL BASIS OF BIOINFORMATICS: ROUND TABLE DISCUSSION AND Q/A</b></p>
<p><b>ACCEPTED PRESENTATIONS BY STUDENTS (EUROMATH)</b></p>
<p><b>MP1</b>  <b>FINITE ABOUT INFINITY</b>  Dunja Galinec, Martin Unger  Gimnazija "Fran Galovic" Koprivnica, Croatia</p>
<p><b>MP2</b>  <b>FRACTAL AND NATURE</b>  Leonarda Jurendic  Gimnazija "Fran Galovic" Koprivnica, Croatia</p>
<p><b>MP3</b>  <b>HOW WAS MATH SHAPED ASTRONOMY?</b>  Marta Kunstic  Gimnazija "Fran Galovic" Koprivnica, Croatia</p>
<p><b>MP4</b>  <b>MATHEMATICS IN MOVIES</b>  Jakov Dolenec  Gimnazija "Fran Galovic" Koprivnica, Croatia</p>
<p><b>MP5</b>  <b>WOMEN IN MATHEMATICS</b>  Mirta Strbad, Irina Vuckovic  Gimnazija "Fran Galovic" Koprivnica, Croatia</p>

<p><b>MP6</b>  <b>MATHEMATIC IN ART</b>  Ella Vrabelj  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP7</b>  <b>MATHEMATICS AND THEATRE</b>  Ema Vinkovic, Petra Habdija  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP8</b>  <b>MATHS AND BICYCLING</b>  Fran Filipovic  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP9</b>  <b>MATHEMATICS IN PROGRAMMING</b>  Fran Vlahovic  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP10</b>  <b>COOKING WITH A LITTLE HELP OF MATHS</b>  Josip Mikulic  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP11</b>  <b>MATHEMATICS AND GEOMETRICAL PATTERNS</b>  Lara Vukovic, Tara Sambar  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP12</b>  <b>MATHEMATICS AND CROATIAN FOOTBALL TEAM</b>  Lorena Siroki  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP13</b>  <b>APPLICATION OF MATHEMATICS IN ANATOMY OF HUMAN BODY</b>  Lovro Priselec, Ivan Sinjeri  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP14</b>  <b>MATHEMATICS IN GOLA</b>  Marija Svegovic  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP15</b>  <b>APPLICATIONS OF MATHEMATICS TO ECONOMICS</b>  Matija Simek  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP16</b>  <b>MATHS, SCIENCE AND REAL LIFE</b>  Nera Tomrlin  Osnovna skola "Braca Radic", Croatia</p>

<p><b>MP17</b>  <b>LEARNING MATHEMATICS THROUGH GAMES</b>  Niko Sertic  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP18</b>  <b>MATHEMATICS IN SPORTS</b>  Nikola Kusek  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP19</b>  <b>MATHEMATICS AND GEOMETRY IN ARCHITECTURE</b>  Patrik Fiser  Osnovna skola "Braca Radic", Croatia</p>
<p><b>MP20</b>  <b>FISHING MATH</b>  Iva Betlehem  Osniva Skola Fran Koncelak Drnje, Croatia</p>
<p><b>MP21</b>  <b>WORLD CUP IN RUSSIA AND THE BIG CROATIAN TEAM ACHIEVMENT</b>  Matej Matijasic  Osniva Skola Fran Koncelak Drnje, Croatia</p>
<p><b>MP22</b>  <b>MATH THROUGH GEOGRAPHY</b>  Hana Siroki  Osniva Skola Fran Koncelak Drnje, Croatia</p>
<p><b>MP23</b>  <b>THE ROIE OF MATHEMATICAL OPTIMIZATION IN MACHINE LEARNING</b>  Zahra Ahmadpoor, Mehrnaz Ehsannejad, Bita Zangooje  Farzanegan 2 High School, Iran</p>
<p><b>MP24</b>  <b>MATRICES AND TRANSPORTATION</b>  Narges Tooshe, Seyedesarah Mojahedalmousavi, Hasti Bagheri  Farzanegan High School, Iran</p>
<p><b>MP25</b>  <b>MATRICES AND MODERN LIFE</b>  Zahra Ahmadpoor, Mehrnaz Ehsannejad, Bita Zangooe  Farzanegan 2 High School, Iran</p>
<p><b>MP26</b>  <b>GEOMETRICAL STRUCTURE OF BAGPIPE FROM VIEWPOINT OF MATHEMATICAL IN MUSIC VISION</b>  Parnian Shojaei, Parmida Azizi, Ava Ilami  Faranegan High School, Iran</p>
<p><b>MP27</b>  <b>INVESTIGATION OF THE POETRY LITERATURE FROM VIEWPOINT OF MATH VISION</b>  Behroksadat Behresi, Arnavaz Parvizi, Seyedehtiyousha Nazaftar  Farzanegan High School, Iran</p>

**MP28**

**THE FORMULIZATION OF THE PUZZLE OF PICTURE HANGING**

Behrokhshadat Behresi, Parmida Azizi, Parnian Shojaei  
Farzanegan High School, Iran

**MP30**

**AN INTERACTIVE METHOD FOR THE APPLICATION OF FIBONACCI FUNCTION**

Akbar Mallahmadi, MAhdi Kayedi, Sadegh Papari  
Kordi Exeptional Talent High School, Iran

**MP31**

**SOME RESULTS ON THE APPLICATION OF MARKETING IN VIEW OF GAME THEORY**

Parsa Maleki  
Shahid Majdzadeh High School Iran

**MP32**

**A NEW MODEL FOR SIGNAL AND IMAGE DENOISING FROM THE VIEW POINT OF IMAGE PROCESSING**

Viana Salehi  
Farzanegan Highschool, Iran

**MP33**

**A SOLUTION TO EVERYTHING**

Konstantin Popov, Pavel Burya  
International School of Moscow, Russia

**MP34**

**BEATING WORLD RECORDS USING MATHEMATICS**

Lucia Hosein  
International School of Moscow, Russia

**MP35**

**COUNTING WITH CATALAN NUMBERS**

Adewumi Feyikemi, Dawodu Naimah, Alayande Emmanuel  
The Concord School, Nigeria

**MP36**

**MATHEMATICS AND RIGID BODY**

Oleghe Godwin, Akerele Abdulsattar, Uthman Hameedah, Okeoma Isabella  
The Concord School, Nigeria

**MP37**

**CULTURALLY CONTEXTUALISED MATHEMATICS LEARNING IN NEWARI CULTURE**

Bikesh Maharjan, Tika Ram Pokhrel  
Little Flowers Public School, Kathmandu, Nepal

**MP38**

**MATHEMATICS AND LIFE**

George Savva, Nearchos Miltiadous, Charis Chari, Ioannis Petevinos  
Regional Gymnasium of Nicosia in Malounta, Cyprus

**MP39**

**THE AREA OF SURFACES WHICH ARE BOUNDED BY THE "BLACK HOLE" FUNCTIONS**

Bogdan Branisteanu, Darius Feher  
"Mihai Eminescu" National College Satu Mare, Romania

**MP40**

**SOME INFINITE PRODUCTS**

Arteni Dan, Podina Tudor  
"Mihai Eminescu" National College Satu Mare, Romania

**MP41**

**MATHEMATIC APPLICATION IN MEDICAL SCIENCE**

Mina Behroozi  
Imam Reza, Iran

**MP42**

**UNDERSTANDING MUSIC THROUGH MATHS**

Constantinos Gallis, Riho Pallum, Georgios Roupas  
St. Catherine's British School, Greece

**MP45**

**THE SHADOW'S HIDDEN MESSAGE**

Taekhyun Kim, Dongyoung Kim  
International School of Moscow, Russia

**MP46**

**BLACK HOLES**

Gregory Chizhov  
International School of Moscow, Russia

**MP47**

**ABSOLUTE ZERO**

Taekhyun Kim, Dongyoung Kim  
International School of Moscow, Russia

**MP48**

**HOUSE MARKET PREDICTION POST MARS COLONIZATION**

Achnioti Myrto, Fidawi Jad, Kybritis Yiannis, Saad Roy  
St Catherine's British School, Athens, Greece

**MP49**

**MATHEMATICS AND SPACE**

Panteleimon Tassopoulos, Ioannis Angelo-Tassioulas, Nikolaos Pollalis, George Pavlakis  
St. Catherine's British School, Athens, Greece

**MP50**

**JUSTIFY BEHAVIORS WITH MATHMATICS**

Sepideh Bayat, Samaneh Golpeykari Fard  
Farzaneghan2 High School , Iran

**MP51**

**CONTINUED FRACTIONS**

Ivayla Ivaylova Radkova  
125SU "Boyan Penev", Bulgaria

**MP52**

**TYPES OF SPACES AND TRANSFORMATIONS BETWEEN THEM**

Teodora Vasileva  
125SU "Boyan Penev", Bulgaria



**MP53****CRACKING THE JOSEPHUS PROBLEM**

Seva-Mei Anagnostou, Jason Bonas, Zoe Kountouri, Ioanna Tsoktouridi, Marina Fragouli  
The Moraitis School, Greece

**MP54****MATHEMATICS IN CRYPTOGRAPHY**

Khalid Mashal, Madeleine Rosenqvist, Talemwa Nanyange  
Turku International School, Finland

**MP55****MATHEMATICS AND PHILOSOPHY**

Juan A. Monge-Navarro Otero  
Turku International School, Finland

**MP56****MATH AND PHYSICS IN BILLIARDS (POOL)**

Dimitar Lazarov  
125th SU "Boyan Penev", Bulgaria

**MP57****CONICS AS LOCI AND ENVELOPES**

Martin Dimitrov, Gergana Peeva, Borislav Stoyanov  
125th SU "Boyan Penev", Bulgaria

**MP58****3 6 9 THEORY OF NIKOLA TESLA**

Andrea Neokleous, Charalambos Leontiou, Christos Rossos, George Toumbas, Notis Tzionis  
American Academy Larnaca, Cyprus

**MP59****TINDER STARTER GUIDE**

Antonia Asimakopoulou, Alexandros Contomichalos, Vicky Deligianni,  
Angela Pilioura, Nikos Skouloudis  
The Moraitis School, Greece

**MP60****THE CONFIDENT GAMBLERS**

Ara Artinian, Christopher Moulakis  
The Moraitis School, Greece

**MP61****THE FIBONACCI SEQUENCE**

Astrid Hofwander, Engla Sundstrom  
Polhemskolan, Sweden

**MP62****BEAT THE BLACKJACK DEALER**

Anna Prodromou, Kyprianos Kythreotis  
The Grammar School, Nicosia

**MP63****SHOULD WE TRUST OUR COMMON SENSE?**

Maria Papageorgiou, Chrysovalanto Grigoriou, Athina Strati  
The Grammar School, Nicosia

**MP64****WHEN PAPER MET MY FINGERS**

Marianna Vassiliou, Evanthis Vacanas, Sotiris Vacanas  
The Grammar School, Nicosia

**MP65****DEDUCTIVE DATABASE APPROACH TO AUTOMATED GEOMETRY THEOREM PROVING AND DISCOVERING WITH JAVA GEOMETRY EXPERT**

Kostas Georgios-Alexandros, Bampatsias Panagiotis  
Varvakeion Model High School, Greece

**MP66****LINEARIZATION**

Yavor Georgiev  
125th SU "Boyan Penev", Bulgaria

**MP67****WHEN MATHEMATICS MEETS FASHION**

Marina Leonida, Orthodoxia Georgiou  
American Academy Larnaca, Cyprus

**MP68****MATHS IN BEAUTY**

Eleni Apostolou, Georgia Haili, Myrofora Markidou  
American Academy Larnaca, Cyprus

**MP69****JUST BEFORE SLEEPING**

Prokopis Georgiou  
American Academy Larnaca, Cyprus

**MP70****SOROBAN & ANZAN - THE SECRET OF MENTAL MATH WITH THE JAPANESE ABACUS**

Noah Newton Obermair  
Austria

**MP71****LEARNING MATHEMATICS FROM ANTS**

Patrik Aleksic, Patricia Baros  
Prva Rijecka Hrvatska Gimnazija, Croatia

**MP72****THE MATHEMATICS BEHIND THE GAME OF "ROCK-PAPER-SCISSORS"**

Natali Marinkovic  
Prva Rijecka Hrvatska Gimnazija, Croatia

**MP73****HOW TO WIN IN PAC-MAN**

Andrej Bozic, Luka Zmak  
Prva Rijecka Hrvatska Gimnazija, Croatia

**MP74****MATHEMATICS IN CRYPTOGRAPHY**

Nickolas Farmakis  
American Academy Nicosia, Cyprus

**MP75****MATHEMATICS BEHIND THE ATOMIC BOMB- SUMMARY**

Danae Petrides, Nadine Al Asmar  
The Senior School, Cyprus

**MP76****DANCE AND MATHEMATICS / UNIVERSAL LANGUAGE (OF DANCE)**

Mia Cimas  
Prva rijecka hrvatska gimnazija, Croatia

**MP77****3D MODELLING**

Constantinos Hadjigregoriades  
The GC School of Careers, Nicosia, Cyprus

**MP78****FROM THE TOP TO THE DROP**

Constantina Shiacola, Eva Antoniadi, Marios Christoforou, Orestis Savvides  
The GC School of Careers, Nicosia, Cyprus

**MP79****IT IS A GAMBLING PROBLEM ONLY IF YOU ARE LOSING!**

Stephanos Arsalides, Georgios Halios, Maria Selinopoulou, Kyriakos Tenedios.  
The GC School of Careers, Nicosia, Cyprus

**MP80****TOGETHER WE WILL BEAT CANCER**

Nayia Aza  
The GC School of Careers, Nicosia, Cyprus

**MP81****THE MATHEMATICS IN BEAUTY AND ATTRACTION**

Jana Gad  
Rygaards International School, Denmark

**MP82****THE REAL WORLD OF IMAGINARY NUMBERS**

Barouchas Harry, Stratis Kounalakis, Moschonas Gerasimos, Xenikakis Nickolaos-Rafael,  
Papadopoulos Nikolaos, Evgenia Skagkou  
Zanneio Experimental Lyceum of Piraeus, Greece

**MP83****REVERSING PASCAL'S TRIANGLE**

Kyriacos Rouvas  
The English School Nicosia, Cyprus

**MP84****UNLIMITED CAPABILITIES: A REPORT ON VARIOUS SUBTYPES OF ARTIFICIAL INTELLIGENCE**

Philippus Ganos, Antonios Panagakos, Alexios Papadopoulos, Christos Petropoulos  
The American College of Greece-Pierce, Greece

**MP86****EUCLIDIAN VS NON EUCLIDIAN GEOMETRY: IS GEOMETRY ONE SIDED?**

Anastasia Efraimoglou, Eleni Fouka, Evridiki Koletsou, Victoria Martin Veneti, Eirini Sigalou, Nikitas Stathopoulos

The American College of Greece-Pierce, Greece

**MP87****WHAT IS THE DIFFERENCE BETWEEN A CUP AND A DONUT?**

Freja Johansson, Saga Anderholm Hansson

Polhemskolan, Sweden

**MP88****GENERAL-SUM GAMES AND NASH EQUILIBRIUM**

Martin Boyanov Stefanov

Sofia High School of Mathematics, Bulgaria

**MP89****ANALYSES OF LIMP ROOK, STUMBLER ROOK AND OTHER CHESS FIGURES**

Ivan Ventsislavov Georgiev

Sofia High School of Mathematics, Bulgaria

**MP90****PACKING TRIANGLES IN GRAPHS WITH SUBLINEAR INDEPENDENCE NUMBER**

Kaloyan Todorov Fachikov

Sofia High School of Mathematics, Bulgaria

**MP91****THE GREAT PYRAMID OF GIZA**

Janat Derawi

Med High Schools, Cyprus

**MP92****A LATE STUDENT**

Mariia Cherniatina, Sofia Popof, Olexiy Geis, Alisa Pravdina

Pupils of Pythagoras School, Cyprus

**MP93****THE FIRST LEMOINE CIRCLE**

Martin Lofstrom

Polhemskolan, Sweden

**MP94****Π**

Ioanna Gerolemou, Tuna Erchika, Daria Shmidt

Med High Schools, Cyprus

**MP95****MODELLING THE GREAT AND DIVINE COSMOS USING PRIME NUMBERS**

Napolina Yiannakou, ShengKun Zhao (Barbara)

The Heritage Private School, Cyprus

Iva Betlehem, Matej Matijasic, Hana Siroki

Osnovna Skola Fran Koncelak, Croatia

**MP96****HOW TO BECOME A NATIONAL CHAMPION IN CYCLING BY USING MATHEMATICS?**

Natan Gregorcic

St Stanislav Institution, Slovenia

**MP97****INVITATION TO PERMUTATIONS**

Krzysztof Kotarski, Szymon Nowak, Filip Zieliński, Dawid Zuk

Zespol Szkolno-Przedszkolny w Zabierzowie, Poland

**MP98****OUR NOT SO EVERYDAY - EVERYDAY DILEMMAS**

Karolina Adamczyk, Julia Janik, Zofia Kaweska, Gabriela Walczowska

Zespol Szkolno-Przedszkolny w Zabierzowie, Poland

**MP99****440HZ VS. 432HZ INSTRUMENT TUNING DEBATE**

Bogdan Reshetnikov, Panagiotis Popof, Daria Sukhareva, Alexandra Pasheeva

Pupils of Pythagoras School, Cyprus

**MP100****THE COLLATZ CONJECTION OR  $3X+1$  PROBLEM**

Denis Beketovs

Pupils of Pythagoras school, Cyprus

**MP101****MATHEMATICS AND SOCIETY**

Odysseas Lesko, Vaggelis Saradoulakis, Huang Cheng Yu

International School of Piraeus, Greece

**MP102****THE MATHEMATICS ON GAMBLING**

Andreas Psaltis, Andreas Michael

The English School of Nicosia, Cyprus

**MP103****OPTIMIZING EMERGENCY RESPONSE TIME USING MATHEMATICS AND COMPUTER SCIENCE**

Andreas Lordos

The English School, Nicosia

**MP104****ZERO MISTERIES**

Jirovianu Nicolae Alexandru, Iordache Laurentiu Andrei

The National College Elena Cuza, Romania

**MP106****A RIDE YOU WILL NEVER FORGET**

Andreana Vanezou, Giorgos Antonaras, Ioannis Panayiotou

The GC School of Careers, Nicosia, Cyprus

**MP107****THE WORLD'S COMMON LANGUAGE**

Anastasia Nicolaou

The GC School of Careers, Nicosia, Cyprus

**MP110**  
**NEW IDENTITIES OF K-TH ORDER PERRIN SEQUENCES**

Aleksander Bosek  
XIV LO im. St.Staszica, Poland

**MP111**  
**THE MAGIC OF NUMBERS**

Vretta Theodora, Kaltaveridou Maria  
Diastaseis Private School, Greece

**MP112**  
**CRYPTOLOGY'S JOURNEY**

Kaltaveridou Maria, Vretta Theodora  
Diastaseis Private School, Greece

**ACCEPTED PRESENTATIONS BY STUDENTS (EUROSCIENCE)**

**SP1**  
**PHYSICS AND ARCHITECTURE - HOW AND WHY?**

Ana MARIJA Habdija, Kaja Sertic  
Gimnazija "Fran Galovic" Koprivnica, Croatia

**SP2**  
**SCIENGICIAN**

Andija Njers  
Gimnazija "Fran Galovic" Koprivnica, Croatia

**SP3**  
**HYPOTHETICAL LIFE ON THE PLANET GLIESE 1214B**

Veronica Parakhin, Sofia Baldisserotto  
International School of Moscow, Russia

**SP4**  
**NEUROLOGICAL DISEASES OF MANKIND AND ANIMALS: AN INSIGHT TO THE SOLUTION OF THE UNSOLVED**

Seonhu Jeon and Tahee Strein  
International School of Moscow, Russia

**SP5**  
**THE EFFECT OF RADON AND RADIOACTIVITY**

Lambros Lamprianou  
The Senior School, Cyprus

**SP6**  
**TRAVEL IN TIME WITH THE HELP OF WORMHOLES**

Shakila Hamdy  
Farzaneghan 1 Highschool, Iran

**SP7**  
**DRIVING ON A RAINY DAY**

Datis Kalali  
Forum Private Greek School, Cyprus

**SP10****ARE TREES ESSENTIAL TO HUMAN BREATHING?**

Mayya Mukhina and Polina Altchouler  
International School of Moscow, Russia

**SP11****SYNCHRONISING DRONES**

Mayya Mukhina  
International School of Moscow, Russia

**SP12****PROPLIS AGAINST CANCER**

Nadia Bakhshi  
Nemone Dolati-e- Shohada, Iran

**SP13****THE SUN AS A SOURCE OF ENERGY AND THE MEASUREMENT OF THE SOLAR CONSTANT**

Andreas Georgopoulos  
Geitonas School, Greece

**SP14****CARBON DIOXIDE CAN SAVE THE WATER**

Bojana Marojevikj, Marija Stojcheva  
Yahya Kemal College Skopje, FYROM

**SP15****MATHS IN THE TENTH DIMENSION**

George Raftis  
The Grammar School, Nicosia

**SP16****SPECTROPHOTOMETRY**

Kakos Sotiris, Karali Alexandra, Kritharidis Konstantinos, Hadjicosta Marilena, Sfiris Haralambos  
Ioannis  
The American College of Greece-Pierce, Greece

**SP17****STEM CELLS**

Arvanitaki Victoria, Gkerekou Georgia, Loukaki Vasiliki, Charalampos Papadopoulos-Siountris,  
Christina Servou, Antonia Stamatellou  
The American College of Greece-Pierce, Greece

**SP19****CHROMATOGRAPHY**

Giagli Xenia, Maravitsas Konstantinos, Papadakis Nikolaos, Papakosta-Sampatakaki Kanella,  
Papanikolaou Archonto-Rafaela  
The American College of Greece-Pierce, Greece

**SP20****PHYSICS OF THE BRAIN**

Deniz Akansoy, Leonie Kallis, Omer Emir Serak  
The English School of Nicosia, Cyprus

<p><b>SP21</b>  <b>FLY A DRONE, SAVE A FOREST</b>  Nikolas Hadjipaschalis  International School of Paphos, Cyprus</p>
<p><b>SP22</b>  <b>BALLET</b>  Laetitia Mukiza, Maria Yiasoumi  Med High Schools, Cyprus</p>
<p><b>SP23</b>  <b>CYCLING</b>  Anna Kalaitsidou  Med High Schools, Cyprus</p>
<p><b>SP24</b>  <b>SPEED</b>  Marco Marcou  Med High Schools, Cyprus</p>
<p><b>SP25</b>  <b>THE PERFECT HIGH-FIVE</b>  Zeno Kafetzis, Elizaveta Porunova, Alexander Kalaitsides, Andrea Efstathiou, Raphaella Gregoriou, Diba salamat  Med High Schools, Cyprus</p>
<p><b>SP26</b>  <b>WHY DO WE DREAM</b>  Omar Hmaydani  Med High Schools, Cyprus</p>
<p><b>SP27</b>  <b>QUANTUM MECHANICS: EVERYTHING AND EVERYWHERE</b>  Maria Tivanova  The Heritage Private School, Cyprus</p>
<p><b>SP29</b>  <b>THE MIRAGE TO REALITY</b>  Andrea Alexandrou, Sophia Constantinou, Vasiliki Kalimera, Michalis Kasoulides  The English School Nicosia, Cyprus</p>
<p><b>SP30</b>  <b>TIME TRAVELLING</b>  Vrettas Christos, Bompitsis Kostantinos, Vretta Theodora  Diastaseis Private School, Greece</p>
<p><b>SP31</b>  <b>CYPRUS HERITAGE EXPLORING WITH QUANTUM PROGRAMMING</b>  Aleksander Bosek  XIV LO im. St. Staszica, Poland</p>
<p><b>SP32</b>  <b>THE REMORA PROJECT</b>  Filippos Dounis, Vasilis Mpogdanis, Alexandros Kotitsas  Geitonas School, Greece</p>



<p><b>SP33</b>  <b>SOLVING THE GLOBAL ISSUE OF OIL SPILLS</b>  Valmir Iseini, Damjan Konjanovski  Yahya Kemal College Skopje, Fyrom</p>
<p><b>SP34</b>  <b>WORMHOLES</b>  Bogdan Fomichev  International School of Paphos, Cyprus</p>
<p><b>SP35</b>  <b>HAZELNUT SHELL BRIQUETTES</b>  Eda Avmedovska, Eva Lazarevska  Yahya Kemal College Skopje, Fyrom</p>
<p><b>SP36</b>  <b>HEAVY METAL REMOVAL WITH VINEGAR: APPLE, GREEN GRAPES, BLACK GRAPES, POMEGRANATE</b>  Tea Smilevska, Dea Rajhl  Yahya Kemal College Skopje, FYROM</p>
<p><b>SP37</b>  <b>PLASTIC OF POTATOES</b>  Valmir Iseini, Damjan Konjanovski  Yahya Kemal College Skopje, Fyrom</p>
<p><b>SP38</b>  <b>AERODYNAMICS IN OUR LIVES</b>  Kaloyan Todorov Fachikov, Martin Boyanov Stefanov, Ivan Ventsislavov Georgiev  Sofia High School of Mathematics, Bulgaria</p>
<p><b>SP39</b>  <b>GOAL IMPOSSIBLE</b>  Yiannis Ioannou, Anastasis Nicolaou, Chris Leonidou, Stylianos Fatouros  The GC School of Careers, Nicosia, Cyprus</p>
<p><b>SP40</b>  <b>BEFORE THE ALARM GOES OFF</b>  Tereza Michael  The GC School of Careers, Nicosia, Cyprus</p>
<p><b>SP41</b>  <b>OPTIMISING OF WASTE COOKING OIL INTO BIODIESEL</b>  Dren Kaliqi, Mervesena Cengiz  Yahya Kemal College Skopje, Fyrom</p>
<p><b>SP42</b>  <b>HERBS AND MEDICINE</b>  Irene Kokiasmenou, Eleni Papadopoulou, Alkmini Mantzouratou, Anastasia Saltou, Eleftheria Koutsouraki, Stellina Monastiridou  International School of Piraeus, Greece</p>
<p><b>SP43</b>  <b>ELECTRIC DEVICES AND HUMAN BODY</b>  Jin Hao, Philippos Panourgias  International School of Piraeus, Greece</p>

<p><b>SP44</b>  <b>THE EFFECT OF AN ORGANIC SURYP WITH ARONIA AGAINST THE DUST MITE ALLERGIES</b>  Jana Majnova  Yahya Kemal College Skopje, FYROM</p>
<p><b>SP45</b>  <b>DOG-A MAN'S BEST FRIEND</b>  Nikoletta Antoniou, Elicia Byans, Zara Dolman, Annie Lin, Aimee Mcgawn  TLC Private School Peyia, Cyprus</p>
<p><b>SP46</b>  <b>HYPNOSIS</b>  Eleftherios Nikou, Isabella Cairns, Lydia Wells, Mathew Kuzmin  TLC Private School Peyia, Cyprus</p>
<p><b>SP47</b>  <b>CAN IT BOUNCE</b>  Owen Pritchard  TLC Private School Peyia, Cyprus</p>
<p><b>SP48</b>  <b>EVOLUTION</b>  Ksenia Dovydenko  TLC Private School Peyia, Cyprus</p>
<p><b>SP49</b>  <b>TACHYONS</b>  Mohammad Zolfkhani  Shahid Beheshti, Iran</p>
<p><b>SP50</b>  <b>THE REGENERATION OF NEURONS</b>  Jirovianu Nicolae Alexandru, Iordache Laurentiu  The National College Elena Cuza, Romania</p>

More Sessions to be added soon