

EUROPEAN STUDENT CONFERENCE
IN MATHEMATICS & SCIENCE



13 - 17 MARCH 2019
PAPHOS • CYPRUS

MATHPRESENTATION - INDIVIDUAL

1st Prize

OPTIMIZING EMERGENCY RESPONSE TIME USING MATHEMATICS AND COMPUTER SCIENCE

School: The English School Nicosia, Cyprus

Student: Andreas Lordos

2nd Prize

BEATING WORLD RECORDS USING MATHEMATICS

School: Internation School of Moscow, Russia

Student: Lucia Hosein

3rd Prize awarded equally to 2 students

A. ANALYSES OF LIMP ROOK, STUMBLER ROOK AND OTHER CHESS FIGURES

School: Sofia High School of Mathematics, Bulgaria

Students: Ivan Ventsislavov Georgiev

B. PACKING TRIANGLES IN GRAPHS WITH SUBLINEAR INDEPENDENCE NUMBER

School: Sofia High School of Mathematics, Bulgaria

Students: Kaloyan Todorov Fachikov

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MATHPRESENTATION – GROUP

1st Prize

APPLICATION OF MATHEMATICS IN ANATOMY OF HUMAN BODY

School: Osnovna Skola "Brada Radic", Croatia

Students: Lovro Priselec, Ivan Sinjeri

2nd Prize awarded equally to 3 groups

A. THE MATHEMATICS ON GAMBLING

School: The English School Nicosia, Cyprus

Students: Andreas Psaltis, Andreas Michael

B. COUNTING WITH CATALAN NUMBERS

School: The Concord School, Nigeria

Students: Adewumi Feyikemi, Dawodu Naimah, Alayande Emmanuel

C. SHOULD WE TRUST OUR COMMON SENSE?

School: The Grammar School Nicosia, Cyprus

Students: Maria Papageorgiou, Chrysovalanto Grigoriou, Athina Strati

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MATHPOSTER DESIGN COMPETITION

1st Prize

**Stavroula Deligianni, Angeliki Danae Piloura, Alexandros
Contomichalos, Nikolaos Skouloudis, Antonia Asimakopoulou**
School: The Moraitis School, Greece

2nd Prize

Susanna Stell
The American Academy of Nicosia, Cyprus

3rd Prize awarded equally to 2 groups

A. Karolina Adamczyk, Julia Janik, Gabriela Walczowska, Zofia Kaweska
School: Zespol Szkolno Przedszkolny W Zabierzowie, Poland

B. Kyriakos Rouvas
School: The English School Nicosia, Cyprus

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SCIENCE PRESENTATION - INDIVIDUAL

1st Prize

MATHS IN TENTH DIMENSION

School: The Grammar School Nicosia, Cyprus

Student: George Raftis

2nd Prize awarded equally to 4 students

A. DRIVING ON A RAINY DAY

School: Forum Private Greek School, Cyprus

Student: Datis Kalali

B. SPEED

School: Med High Schools, Cyprus

Student: Marco Marcou

C. FLY A DRONE, SAVE A FOREST

School: International School of Paphos, Cyprus

Student: Nikolas Hadjipaschalis

D. QUANTUM MECHANICS: EVERYTHING AND EVERYWHERE

School: The Heritage Private School, Cyprus

Student: Maria Tivanova

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SCIENCE PRESENTATION – GROUP

1st Prize awarded equally to 2 groups

A. NEUROLOGICAL DISEASES OF MANKIND AND ANIMLAS: AN INSIGHT TO THE SOLUTION OF THE UNSOLVED

School: International School of Moscow, Russia

Students: Seonhu Jeon, Tahee Strein

B. THE PERFECT HIGH-FIVE

School: Med High Schools, Cyprus

Students: Zeno Kafetzis, Elizaveta Porunova, Alexander Kalaitsides, Andreas Efstathiou, Raphaella Gregoriou, Diba Salamat

2nd Prize awarded equally to 2 groups

A. THE REGENERATION OF NEURONS

School: The National College Elena Cuza, Romania

Students: Jirovianu Nicolae Alexandru, Iordache Laurentiu

B. GOAL IMPOSSIBLE

School: The GC School of Careers, Cyprus

Students: Yiannis Ioannou, Anastasis Nicolaou, Chris Leonidou, Stylianos Fatouros

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SCIENCEPOSTER DESIGN COMPETITION

1st Prize

June Ioanna Loizidou

School: The American Academy of Nicosia, Cyprus

2nd Prize

Teodora Smiljevska, Jana Manjova, Dea Rajhl

School: Yahya Kemal College Skopje, North Macedonia

3rd Prize

Susanna Stell

School: The American Academy of Nicosia, Cyprus

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MATHFACTOR EUROPE 2019

AGE GROUP 9 - 13

1st Prize

VAMPIRE NUMBER

School: OS "Brada Radic" Koprivnica, Croatia

Student: Lara Vukovic

2nd Prize

MATHEMATICS AND RIGID BODY

School: The Concord School, Nigeria

Student: Hameedah Yetunde Uthman

3rd Prize

GEOMETRY WITH COURTS

School: Osnovna Skola "Fran Koncelak" Drnje, Croatia

Student: Matej Matijasic

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MATHFACTOR EUROPE 2019

AGE GROUP 14 - 18

1st Prize

FOUR DIMENSIONAL CUBE

School: Gimnazija Bezigrad, Slovenia
Student: Matej Zmaucar

2nd Prize awarded equally to 2 Students

A. HOW THE PIGEONS FOUND THE SOCKS

School: Forum Private School, Cyprus
Student: Isidora Xenaki

B. POLYGON IN ONE CUT

School: TLC Private School, Cyprus
Student: Nelli Mugattarova

3rd Prize awarded equally to 2 Students

A. RUSSINA MULTIPLICATION: AN UNUSUAL, YET PRACTICAL WAY OF MULTIPLYING FOR COMPUTER SCIENCE

School: The Moraitis School, Greece
Student: Angeliki Piloura

B. ROUND COASTER IN A SQUARE HOLE

School: Prva Rijeka Hrvatska Gimnazija, Croatia
Student: Patricia Baros

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SCIENCEFACTOR EUROPE 2019

1st Prize

IT'S NOT MAGICAL BUT... MAGNETISMICAL

School: Forum Private School, Cyprus

Student: Panayiotis Loizides

2nd Prize

AN ALTERNATIVE MUSICAL INSTRUMENT

School: C Idaliou Elementary School, Cyprus

Student: Charis Tapakoudis

3rd Prize awarded equally to 2 Students

TOO MANY COOKS SPOIL THE BROTH

School: Olympion Private School, Cyprus

Student: Victoria Savvidou

BACK TO THE FUTURE

School: The GC School of Careers, Cyprus

Student: Thisseas Sokratous

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MATH-SCIENCE THEATRE EUROPE 2019

1st Prize awarded equally to 2 schools

A. DISPUTE OF LETTERS AND NUMBERS

School: Lykio Kokkinochorion Foti Pitta, Cyprus

Students: Theodora Tsomallouri, Antonis Efthimiou, Maria Eleftheriou, Maria Mouaimi, Rafail Ioannou, Olimpiada Chrisostomou, Maria Kakoushi, Maria Antoniou, Panagiota Marcou

A. MATH IS FOR ALL

School: Al-Hadi School for Deaf, Blind and Learning Disabilities, Lebanon

Students: Mohammad Nazzal, Ali Al Malah, Lara Hussein, Maria Hammoud, Shehadi Sweid, Samir Kanso, Hassan Dakhallah, Nour Al Huda Fadel

2nd Prize awarded equally to 2 schools

A. THE OTHER (DIMENSION)

School: The American Academy of Nicosia, Cyprus

Students: Mariia Kurylo, Anna Thedora Charalambous, Ruby Keating

B. MATH HEIST

School: Zespól Szkolno Przedszkolny, Poland

Students: Zofia Kaweska, Gabriela Walcowska, Dawid Zuk, Julia Janik, Karolina Adamczyk, Szymon Nowak, Kryztof Kotarski, Filip Zielinski