Under the Auspices of H. E.
the President of the Hellenic Republic
Mr. Prokopios Pavlopoulos

First Congress of Greek Mathematicians
FCGM-2018

June 25–30, 2018
Athens, Greece

Organizers

Hellenic Mathematical Society (HMS)

Department of Mathematics,
National and Kapodistrian University of Athens (NKUA)

School of Applied Mathematical and Physical Sciences,
National Technical University of Athens (NTUA)

Department of Mathematics,
Aristotle University of Thessaloniki

Department of Mathematics,
University of Patras

Department of Mathematics,
University of Ioannina

Department of Mathematics and Applied Mathematics,
University of Crete

Department of Statistics,
Athens University of Economics and Business

Department of Mathematics,
University of the Aegean

School of Science and Technology
Hellenic Open University

In cooperation with the

Cyprus Mathematical Society (CMS)
the
Mathematical Society
of Southeastern Europe (MASSEE)

the
General Secretariat for Greeks Abroad

and the
Municipality of Zografou

Third Announcement

The Hellenic Mathematical Society (HMS) was founded in 1918 with the main goal to further and encourage the study and research in Mathematics and its numerous applications, as well as the evolvement of Mathematical Education in Greece.

The First Congress of Greek Mathematicians aims to make Athens a city of reunion of all Greek Mathematicians living in Greece and abroad. The programme of the Congress will cover all areas of pure and applied mathematics. It will host plenary lectures, invited

lectures, and several sessions and mini-symposia tentatively in:

Algebra and Combinatorics; Analysis; Control Theory, Operations Research and Optimization; Differential Equations and Dynamical Systems; Geometry; History and Philosophy of Mathematics; Logic and Foundations of Mathematics; Mathematical Physics; Mathematical Finance; Mathematics Education; Number Theory, Arithmetic Geometry and Cryptography; Numerical Analysis and Scientific Computing; Probability and Statistics; Topology and Applications.

The official languages of the conference are English and Greek.

Venue

The Congress will be hosted at the premises of the National and Kapodistrian University of Athens in the building of the Department of Mathematics.

Plenary Speakers

Spyridon Argyros (NTUA), Demetrios Christodoulou (ETH Zurich), Constantinos Daskalakis (MIT), Panagiota Daskalopoulou (Columbia U.), Mihalis Dafermos (Princeton U.), Athanasios Fokas (Cambridge U.), Stavros Garoufalidis (Georgia Inst. Tech.), Loukas Grafakos (U. of Missouri), Nicos Kapouleas (Brown U.), George Karniadakis (Brown U.), Michael Katehakis (Rutgers U.), Alexander Kechris (CalTech), Phokion Kolaitis (U. of California, Santa Cruz), Charalambos Makridakis (Forth and University of Sussex), Maryanthe Malliaris (U. of Chicago), Antonios Melas (NKUA), Georgios Pappas (Michigan State U.), Georgios Papanikolaou (Stanford U.), Georges Skandalis (U. Paris Diderot), Harry Tamvakis (U. of Maryland), Thaleia Zarifopoulou (U. of Texas at Austin).

Central Organizing Committee

Fellouris, Anargyros (NTUA, President of the HMS); Emmanouil, Ioannis (NKUA, Treasurer of the HMS); Lambropoulou, Sofia (NTUA, Council Member of the HMS); Giannopoulos, Apostolos (NKUA, Member of the HMS).

Organizing Committee

Chair: Fellouris, Anargyros (NTUA, President of the HMS)

Burnetas, Apostolos (NKUA); Charalambous, Hara (AUTH); Droutsas, Panagiotis (Vice President HMS); Giannoulis, Ioannis (UI); Karampetakis, Nicholas (AUTH); Kariotou, Foteini (HOU); Kritikos, Emmanouil (General Secretary MASSEE); Makri, Efrosini (UP); Makrides, Gregory (President of CMS); Prassidis, Efstratios (UA); Psarrakos, Panagiotis (NTUA); Tyrlis, Ioannis (General Secretary HMS); Zafeiropoulou, Filareti (UP); Zografos, Konstantinos (UI).

Scientific Programme Committee

President: Dougalis, Vassilios (NKUA)

Arvanitoyeorgos, Andreas (UP); Chrysafinos, Konstantinos (NTUA); Emmanouil, Ioannis (NKUA); Giannakopoulos, Athanasios (AUEB); Giannopoulos, Apostolos (NKUA); Hadjinicolaou, Maria (HOU); Kalavasis, Fragiskos (UA); Kamvissis, Spyridon (UOC); Karachalios, Nikolaos (UA); Kechagias, Epaminondas (UI); Lambropoulou, Sofia (NTUA); Poulakis, Dimitrios (AUTH); Siskakis, Aristomenis (AUTH); Tsapogas, Georgios (UA); Tzermias, Pavlos (UP); Vlachos, Theodoros (UI); Zazanis, Michael (AUEB); Zouraris, Georgios (UOC).

Session Organizers

Algebra and Combinatorics: Ioannis Emmanouil (NKUA), Alexis Kouvidakis (UOC), Vasileios Metaftsis (UA).

Analysis: Nikos Frantzikinakis (UOC), Apostolos Giannopoulos (NKUA), Vasileios Kanellopoulos (NTUA), Mihalis Kolountzakis (UOC), Aristomenis Siskakis (AUTH).

Control Theory, Operations Research and Optimization: Ioannis Tsinias (NTUA), Nikolas Karampetakis (AUTH).

Differential Equations and Dynamical Systems: Nikolaos Alikakos (NKUA), Gerassimos Barbatis (NKUA), Stathis Filippas (UOC), Spyridon Kamvissis (UOC), Maria Hadjinicolaou (HOU), Nikolaos Karachalios (UA), Vasileios Papanikolaou (NTUA), Achilles Tertikas (UOC).

Geometry: Andreas Arvanitoyeorgos (UP)**,** Theodoros Vlachos (UI), Georgios Tsapogas (UA)

History and Philosophy of Mathematics: Dionyssios Anapolitanos (NKUA).

Logic and Foundations of Mathematics: Lefteris Kirousis (NKUA), Thanases Pheidas (UOC), Panagiotis Rondogiannis (NKUA), Rizos Sklinos (U. Lyon).

Mathematical Physics: Spyros Alexakis (U. Toronto), Stefanos Aretakis (U. Toronto), Grigorios Fournodavlos (U. Cambridge).

Mathematical Finance: Michail Anthropelos (UOP), Athanasios Giannakopoulos (AUEB), Antonis Papapantoleon (NTUA).

Mathematics Education: Fragkiskos Kalavasis (UA), Chronis Kynigos (NKUA), Despoina Potari (NKUA), Theodossios Zachariades (NKUA).

Number Theory, Arithmetic Geometry, Cryptography: Aristides Kontogeorgis (NKUA)**,** Dimitrios Poulakis (AUTH), Pavlos Tzermias (UP).

Numerical Analysis and Scientific Computing: Georgios Akrivis (UI), Manolis Georgoulis (NTUA), Georgios Zouraris (UOC), Chrysoula Tsoga (UOC), Konstantinos Chrysafinos (NTUA).

Probability and Statistics: Dimitris Cheliotis (NKUA). Ioannis Kontoyiannis (AUEB), Christos Koukouvinos (NTUA), Michael Loulakis (NTUA), Michael Zazanis (AUEB).

Topology and Applications: Epaminondas Kechagias (UI), Sofia Lambropoulou (NTUA) Efstratios Prassidis (UA).

Round table

A round table will be organized on Tuesday 26 June, at 19.00 with the theme:

> **"The leakage of Greek scientific potential in the years of the crisis. Which factors could help to its containment?"**
>
> **"Η διαρροή του Ελληνικού επιστημονικού δυναμικού στα χρόνια της κρίσης. Ποιοι παράγοντες θα μπορούσαν να βοηθήσουν στην ανάσχεσή της;"**

Interventions from: Dougalis, Vassilios, NKUA, (Coordinator), Daskalakis, Constantinos (MIT), Papanicolaou, George (Stanford U.), Sakellaridis, Ioannis (Rutgers U.), Representative of the Greek Ministry of Education, Representative of the Bank of Greece, Representative of the National Bank of Greece.

Program

For the program and more information please visit the web site:
http://www.hms.gr/fcgm2018/index.html

Contact Details

All correspondence concerning the Congress should be sent to the following address:

Organizing Committee
FCGM-2018
Hellenic Mathematical Society
Panepistimiou str. 34, Athens, Greece
Fax: +302103641025, Tel. +302103616532, +302103617784
info@hms.gr

Proceedings

There will be Proceedings of the Congress. You may submit your paper until September 30. Submitted papers will be reviewed for publication in the Proceedings. More information will be provided during the Congress.

Registration Fees

Registration: after April 20, 2018:   100 euros
Includes conference materials, coffee breaks, booklet of abstract and farewell dinner.

For HMS members, undergraduate and postgraduate students
Registration: after April 20, 2018:   50 euros
Includes conference materials, coffee breaks, and booklet of abstracts.

Farewell dinner

The farewell dinner will take place in RYTHMOS, Zografou at the park Goudi, on Friday, June 29, at 21.00 hrs.
Cards for the farewell dinner for school teachers, HMS members, students and accompanying persons can be purchased on site at a cost of 20 euros.

Lunch at the University Campus

There is the possibility to take lunch at the student's restaurant every day from 13.00 to 15.30 in the University Campus, close to the School of Philosophy. The distance from the Congress venue is 10 minutes on foot. The standard price is 3 euros. It would be helpful, if you send a message to: info@hms.gr   to let us know if you plan to use this restaurant.
https://www.google.gr/maps/@37.9678003,23.7804789,241m/data=!3m1!1e3.

Information on funding

Participants are encouraged/advised to obtain support from their institutions. Efforts are being made to be able to support partially some students and young researchers. Forms will be provided during the conference for requesting reimbursement in the event that such support becomes available. However, young researchers based in Europe are advised to apply for funding at the EMS.

Excursion

For the last day of the congress we suggest you the option of One Day Cruise to 3 Islands Hydra – Poros – Aegina. This Cruise tour option includes Lunch Buffet on Board as well. Discover the beauty of Hydra Island and stroll around the little stone paved streets on the back of a donkey – the main transport here on magical Hydra Island. Visit the enchanting Poros Island and walk by the citrus, pine trees and windmills. Explore the lively Aegina Island – the perfect destination for the independent traveller –with its numerous sand and pebble beaches.

All the above with 55€ per person (plus 12€ in case we use the Pick Up Round Trip Service from a Hotel or an Athens center area)

We would be grateful if you express you interest to attend this cruise until June 15th in order to be able to make the booking.

The sum can be paid in cash or by credit card the day of the cruise.