

**MASSEE**  
**International Congress on Mathematics**  
**MICOM-2015**

September 22 –26, 2015  
Athens, Greece



**Organizers**

**Mathematical Society of  
South-Eastern Europe  
and  
Hellenic Mathematical Society**



**in cooperation with  
The Department of Mathematics ,  
University of Athens,  
and  
School of Applied Mathematics and Physical  
Sciences, National Technical University of Athens**



**and  
ARISTOTLE UNIVERSITY OF THESSALONIKI**

***under the auspices of the***  
Hellenic Ministry of Education and Religious Affairs

**Second Announcement and Call for Abstracts**

The Mathematical Society of South-Eastern Europe (MASSEE) facilitates mutual collaboration among mathematics and informatics researchers from the South-Eastern Europe. The MASSEE aims at

- Institutionalizing and coordinating the state of the art research in mathematics and informatics;
- Supporting related scientific research and educational activities in South-Eastern Europe;
- Promoting and organizing various activities among mathematicians and informaticians in South-Eastern Europe and the rest of Europe.

The MASSEE Congress on Mathematics with International participation follows the tradition of the four successful Congresses organized in Bulgaria in 2003, in Cyprus

in 2006, in Former Yugoslav Republic of Macedonia in 2009 and in Bosnia and Herzegovina in 2012. At this stage educators and researchers who may be interested in attending the Congress with or without a paper should send a message with full address, fax and e-mail to the Organizing Committee. All expressions of interest should be sent by 20<sup>th</sup> June 2015. The deadline for abstracts is 30<sup>th</sup> June 2015. Notification of acceptance of abstracts is July 10, 2015. Further announcements and details will be sent to those responding to this call. The names of invited speakers will appear in the next announcement. The Congress will consist of several workshops/symposiums/sessions covering multiple themes. The official language of the conference is English.

## Congress Themes

- A1 Algebra
- A2 Analysis
- A3 Differential Equations and Dynamic Systems
- A4 Geometry
- A5 Logic and Foundation of Mathematics
- A6 Number Theory
- A7 Topology
  
- B1 Applications of Mathematics and Informatics in Sciences
- B2 Control Theory, Optimization and Operations Research
- B3 Mathematical Aspects of Computer Science
  
- C1 Numerical Analysis and Scientific Computing
- C2 Probability and Statistics
- C3 Mathematical Finance and Actuarial Science
  
- D1 Mathematics and Informatics Education
- D2 History and Popularisation of Mathematics
- D3 Mathematics and talented/gifted students
- D4 Competitions and problem Solving
  
- E Other Related Topics

## Workshops

**Proposed Workshops, Symposiums or Sessions within the Congress are welcome.** Please send your proposals to the attention of the Programme Committee.

Please send the attached form of expression of interest by fax or e-mail to:

**Fax:** +302103641025, [info@hms.gr](mailto:info@hms.gr),

For more information please visit the web site: [www.hms.gr](http://www.hms.gr)

## Important Dates

Expression of interest:	<b>20 June 2015</b>
Registration:	<b>30 June 2015</b>
Submission of abstract:	<b>30 June 2015</b>
Notification of acceptance:	<b>10 July 2015</b>
Submission of full paper:	<b>1 November 2015</b>

## Registration

The online registration will be available on the Congress website:

[www.hms.gr/MICOM\\_2015/index.html](http://www.hms.gr/MICOM_2015/index.html)

## Registration Fees

<b>Participants</b>	<b>100 Euro</b>
<b>School teachers</b>	<b>50 Euro</b>
<b>Students</b>	<b>20 Euro</b>
<b>Accompanying persons</b>	<b>50 Euro</b>

\*Registration fee for the participants includes: conference material, coffee breaks, conference farewell dinner and access to all lectures and workshops.

Registration fee for the accompanying persons includes: conference farewell dinner and city tour.

Please make the registration payment to the following account not later than **1<sup>st</sup> September 2015**.

Bank name: **EUROBANK, 0026.0201.94.0201575138**

**SWIFT: ERBKGRAA**

**IBAN GR9002602010000940201575138**

Beneficiary: Greek Mathematical Society

Indication: MICOM2015

All the bank charges must be covered by the payer.

## Accommodation

The MASSEE Congress on Mathematics will be held at **Hotel President of Athens**.

The offer of the Hotel for the participants of the Congress is the following:

### STANDARD ROOMS

SINGLE: 74€ (including American buffet breakfast and all taxes)

DOUBLE: 79€ (including American buffet breakfast and all taxes)

TRIPLE: 114€ (including American buffet breakfast and all taxes)

SINGLE: 85€ (inc. American buffet breakfast & dinner (set menu 3 courses) and all taxes)

DOUBLE: 109€ (inc. American buffet breakfast & dinner (set menu 3 courses) and all taxes)

TRIPLE: 150€ (inc. American buffet breakfast & dinner (set menu 3 courses) and all taxes)

SINGLE: 97€ (inc. American buffet breakfast, lunch & dinner (set menu 3 courses) and all taxes)

DOUBLE: 133€ (inc. American buffet breakfast, lunch & dinner (set menu 3 courses) and all taxes)

TRIPLE: 186€ (inc. American buffet breakfast, lunch & dinner (set menu 3 courses) and all taxes)

- Above rates are per room per night.
- In case VAT changes then the hotel reserves the right to amend rates accordingly
- Porte rage: 2€ per person in/out
- Check in time: 14:00 - Check out time: 12:00

Please make your reservation directly to **the Hotel President**

**Tel: 210 6989000**

**Fax: 210 6980840**

**Email: [sales@president.gr](mailto:sales@president.gr)**

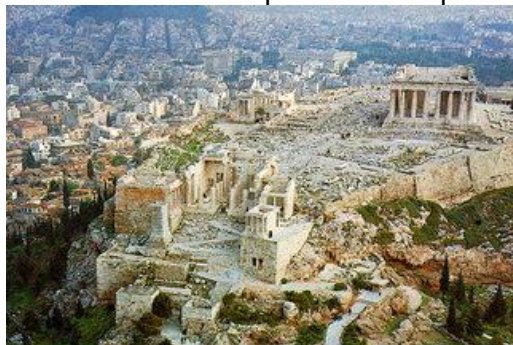
**[www.president.gr](http://www.president.gr)**

by indicating your participation to the Congress MICOM 2015

## Congress Venue

Athens is the city with the most glorious history in the world, a city worshipped by gods and people, a magical city. The enchanting capital of Greece has always been a birthplace for civilization. It is the city where democracy was born and most of the wise men of ancient times. The most important civilization of ancient world flourished in Athens and relives through some of the world's most formidable edifices.

The Acropolis hill (acro - edge, polis - city), so called the "Sacred Rock" of Athens, is the most important site of the city and constitutes one of the most recognizable monuments of the world. It is the most significant reference point of ancient Greek culture, as well as the symbol of the city of Athens itself as it represent the apogee of artistic development in the 5th century BC. During Perikles' Golden Age, ancient Greek civilization was represented in an ideal way on the hill and some of the architectural masterpieces of the period were erected on its ground.



The Propylaea are the monumental entrances to the sacred area dedicated to Athena, the patron goddess of the city. Built by the architect Mnesicles with Pentelic marble, their design was avant-garde. To the south-west of the Propylaea, on a rampart protecting the main entrance to the Acropolis, is the Ionian temple of Apteros Nike, which is now being restored.

Athens is situated in the prefecture of Attica and extends to the peninsula that reaches up to Central Greece. It is surrounded by mountains Ymmytos, Penteli and Parnitha, northwards and eastwards, and the Saronic Gulf southwards and westwards. The sun is shining over Athens all year round. The climate is one of the best in Europe, with mild winters and very hot summers, ideal for tourism. It is located just a few kilometres from the port of Piraeus, the central commercial port of the capital, and the shores of southern Attica.

Athens is constantly inhabited since Neolithic Age. The 5th century was the time of its ultimate bloom, when moral values and civilization surpassed city limits and became the mother land of western civilization. In the centuries that followed, many conquerors tried to take over Athens. In 1834 Athens was chosen to be the capital of the newly established Greek State. The city that now hosts more than 4,5 million people, was constructed around the Acropolis walls. Today it is the political, social, cultural, financial and commercial center of Greece. Cheap flights make it affordable and easy to reach Athens for vacation or business.

Athens is a city of different aspects. A walk around the famous historic triangle (Plaka, Thission, Psyri) the old neighbourhoods, reveal the coexistence of different eras. Old mansions, well-preserved and other worn down by time. Luxurious department stores and small intimate shops, fancy restaurants and traditional taverns. The heart of Athens beats in Syntagma Square where Parliament and most of the Ministries are. Monastiraki, Kolonaki and Lycabettus Hill attract thousands of visitors all year round. A few kilometres from the historic center in Faliro, Glyfada, Voula and Vouliagmeni, you can enjoy the sea breeze.

Athens and Attica in general have the most important archaeological monuments (Acropolis, Odeion of Herodes Atticus, Olymbion, Roman Market, Panathinaiko Stadium or Kallimarmaro, The Temple of Poseidon in Sounio, etc). In the capital you will admire many imposing neoclassic buildings, true ornaments of the city (The Greek Parliament, Athens Academy and University, etc). Don't miss visiting the museums hosting unique treasures of the Hellenic cultural inheritance (Archaeological Museum, Military Museum, Byzantine Museum, etc).

The capital is famous, more than any other European capital, for its nightlife. Athens by night totally changes. The options for entertainment satisfy all tastes. The famous "bouzoukia" are the leaders in the Athenian entertainment. While the numerous theatres all around Athens offer a different type of entertainment. Athens is a divine city.

## **Preliminary programme and other activities**

The opening ceremony is planned to be held on 22<sup>nd</sup> September 2015. The paper presentations and workshops will take place from Tuesday 22<sup>nd</sup> of September to Friday 25<sup>th</sup> of September 2015. The farewell dinner is expected to take place on Friday 25 September 2015.

An optional one day cruise to the Islands Aigina, Poros, Hydra will be organised on Friday, 25 September 2015 (cost 65€ per person, including lunch).

## **Visas, Money and Weather**

Visa is not generally required. However please check with the nearest Greek consulate. The currency of Greece is Euro. You can change currency at the airport. Visa, MasterCard and American Express credit cards are accepted almost everywhere.

The temperature during the day in September in Greece is usually around 30 degrees Celsius and during the evening around 22 degrees Celsius.

## **Equipment**

Each session room will be equipped with an overhead projector, a screen, a PC connected to an LCD projector/beamer. Please indicate the equipment you are planning to use. A VHS VCR or DVD will be available upon request.

## **Preparation of Abstracts**

All abstracts must be at most 250 words. The abstract is written on a single column A4 page. Margins on right-left must be 4 cm each and on top-bottom 5 cm each (the

full text should have dimensions very close to **13X19 cm** vertical with full justification). The language to be used is English.

The typeset must be TIMES NEW ROMAN. The title must be centred between the margins using TIMES 14-point type, CAPITALS, BOLD SINGLE SPACE. Leave one blank line and then type the author(s) name(s) using TIMES 12 pt, BOLD. Underline the name of the presenting author. Directly below type the affiliation, address and email for each author using TIMES 10 pt. Use asterisks (\*, \*\*, \*\*\*) to correspond the name to his/her address.

Leave four blank lines after the affiliation and address and type the word ABSTRACT using TIMES 12 pt, CAPITALS, BOLD, CENTRED. Leave one blank line and type the abstract using TIMES 11 pt, SINGLE SPACING.

**Please send by e-mail to the attention of the Programme Committee at:**

[info@hms.gr](mailto:info@hms.gr)

**a copy of your abstract written in MS WORD for Windows (PC version). Abstracts in LATEX will be accepted if cannot be sent in WORD. Send also one original print copy on a LASER printer. Please make sure that the printed abstract is a CAMERA ready print.**

**Presented papers will be reviewed and invited for publication in the proceedings of the conference to be published after the conference.**

***The presentation must not exceed twenty minutes.***

## **Invited Speakers**

To be announced in the third announcement.

## **Honorary Committee**

**Prof. Theodoros Bolis**, Hellenic Mathematical Society  
**Prof. Theodoros Exarchakos**, Hellenic Mathematical Society  
**Prof. Grigorios Kalogeropoulos**, Hellenic Mathematical Society  
**Prof. Stratis Kounias**, Hellenic Mathematical Society  
**Prof. Aris Sissouras**, Hellenic Mathematical Society

## **Organising Committee**

**Chair: Nikolaos Alexandris**, Hellenic Mathematical Society  
**Vice-Chair: Anargyros Fellouris**, National Technical University of Athens  
**Secretary General: Manolis Kritikos**, Hellenic Mathematical Society  
**Treasurer: Andreas Triantafyllou**, Hellenic Mathematical Society  
**Secretary: Maria Georgoudi**, Hellenic Mathematical Society

### **Members:**

**Christodoulos Athanasiadis**, University of Athens  
**Georgios Dimakos**, Hellenic Mathematical Society  
**Dimitrios Kallivokas**, Hellenic Mathematical Society  
**Dionysios Lappas**, University of Athens  
**Athanasios Malafekas**, Hellenic Mathematical Society  
**Stylianos Maragakis**, Hellenic Mathematical Society  
**Charalambos Papageorgiou**, University of Athens

**Alexandros Papaioannou**, National Technical University of Athens  
**Nikolaos Papanastasiou**, Hellenic Mathematical Society  
**Panayiotis Psarrakos**, National Technical University of Athens  
**Evangelos Psychas**, Hellenic Mathematical Society  
**Dimitrios Georgios Sotiros**, Hellenic Mathematical Society  
**Ioannis Tyrlis**, Hellenic Mathematical Society  
**Panagiotis Vourganas**, Hellenic Mathematical Society

## **Programme Committee**

**Chair: Gregory Makrides**, President of MASSEE  
**Vice chair: Ioannis Emmanouil**, University of Athens  
**Nikolaos Alexandris**, Hellenic Mathematical Society  
**Ioannis Antoniou**, Aristotle University of Thessaloniki  
**Muharem Avdispahic**, Bosnia and Hercegovina Mathematical Society  
**Mitrofan Coban**, Mathematical Society of Moldova  
**Anargyros Fellouris**, National Technical University of Athens  
**Athanasios Gagatsis**, Cyprus Mathematical Society  
**Radu Gologan**, Romanian Mathematical Society  
**Sava Grozdev**, Union of Bulgarian Mathematicians  
**Zoran Kadelburg**, Serbian Mathematical Society  
**Sotirios Karanasios**, National Technical University of Athens  
**Petar Kenderov**, Union of Bulgarian Mathematicians  
**Fatos Koplaku**, Albanian Mathematical Society  
**Manolis Kritikos**, Hellenic Mathematical Society  
**Kyriaki Kyriaki**, National Technical University of Athens  
**Dionysios Lappas**, University of Athens  
**Aleksandar Lipkovski**, Serbian Mathematical Society  
**Aleksa Malcheski**, FYR Macedonia Mathematical Society  
**Vesna Manova – Erakovik**, FYR Macedonia Mathematical Society  
**Adrian Naco**, Albanian Mathematical Society  
**Nikolaos Papanastasiou**, Hellenic Mathematical Society  
**Andreas Philippou**, Cyprus Mathematical Society  
**Panayiotis Psarrakos**, National Technical University of Athens  
**Doru Stefanescu**, Romanian Mathematical Society  
**Betül Tanbay**, Bogaziçi University, president Turkish Mathematical Society  
**Panagiotis Vlamos**, Hellenic Mathematical Society

## **Address of the Organizing Committee**

All correspondence concerning the MASSEE International Congress on Mathematics should be sent to the following address:

### **Organizing Committee**

#### **MICOM-2015**

Hellenic Mathematical Society  
Panepistimiou str. 34, Athens, Greece  
Fax: +302103641025, Tel. +302103616532, +302103617784  
[info@hms.gr](mailto:info@hms.gr)

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**EXPRESSION OF INTEREST**

Name: \_\_\_\_\_  
(title) (surname) (name)

Affiliation: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Fax: \_\_\_\_\_ Tel \_\_\_\_\_  
(please include country code)

E-mail: \_\_\_\_\_

**I plan to present a paper:** YES  NO  NOT SURE

Please specify possible theme from the list or suggest another:

\_\_\_\_\_

**I plan to organize a symposium or workshop:** YES  NO  NOT SURE

Please specify theme:

\_\_\_\_\_

**Send this form by 20<sup>th</sup> June 2015 to:**

Organizing Committee  
Hellenic Mathematical Society  
Email to: [info@hms.gr](mailto:info@hms.gr)



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**REGISTRATION FORM**

Name: \_\_\_\_\_  
(title) (surname) (name)

Affiliation: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Fax: \_\_\_\_\_ Tel \_\_\_\_\_  
(please include country code)

E-mail: \_\_\_\_\_

**I plan to present a paper:** YES  NO  NOT SURE

Please specify possible theme from the list or suggest another:

\_\_\_\_\_

**I plan to organize a symposium or workshop:** YES  NO  NOT SURE

Please specify theme:

\_\_\_\_\_