

Second Announcement and Call for Abstracts



MASSEE International Congress on Mathematics MICOM 2009

16 – 20 September 2009
Ohrid, Republic of Macedonia

Organized by

**Mathematical Society
of South-Eastern Europe**



**Union of Mathematicians
of Macedonia**



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.

MICOM 2009 continues the tradition of the two previous highly successful MASSEE congresses that took place in Bulgaria in 2003 and Cyprus in 2006.

High quality contributions covering the most important recent research subjects in mathematics and informatics are solicited.

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 Application 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 Stochastic Process and Statistics
- C3 Mathematical Finance and Actuarial Science

- D History and Education of Mathematics and Informatics

- E Other Related Topics

WORKSHOPS

MICOM 2009 will also incorporate several workshops that will be announced on the official website in a timely manner. The interesting parties are solicited to submit proposals for thematic workshops, including topic, objective and expected number of participants, to the following address: micom2009@smm.org.mk, not later than 15 May 2009.

POSTER SESSION

Authors that will decide to have poster presentation must prepare their own paper posters. The presentation area of each poster panel is 100 cm (high) x 80 cm (wide). Authors must assure that their poster presentations are readable from a distance of at least one meter. Presented papers at the Poster session with positive reviews will be published in the Proceedings of MICOM 2009.

IMPORTANT DATES

Registration:	15 May 2009 (extended deadline)
Workshop proposal submission:	15 May 2009 (extended deadline)
Submission of abstract:	15 May 2009
Notification of acceptance:	31 May 2009
Submission of full paper:	15 November 2009

REGISTRATION

The online registration is available at the Congress website: <http://micom2009.smm.org.mk>
You have to create an account to be able to fill out the registration form.

REGISTRATION FEE

	Early registration fee (on or before 20 June 2009)	Late registration fee (after 20 June 2009)
Participants	120 Euro	150 Euro
Accompanying persons	50 Euro	50 Euro

The registration fee for the participants includes: conference bag, book of abstracts, cocktail after the opening ceremony, coffee breaks, one conference trip, farewell dinner, access to all lectures and workshops, internet and Proceedings of MICOM 2009 that will be sent additionally.

The registration fee for the accompanying persons includes: cocktail after the opening ceremony, one conference trip, farewell dinner and internet.

Please make payment of the registration fee to the following account:

For payments from abroad: Beneficiary: SOJUZ NA MATEMATICARI NA MAKEDONIJA Bank name: ALPHA BANK IBAN: MK 07280102000059163 SWIFT: KRSMK2X Indication: Participation fee for MICOM 2009	For payments from domestic banks: Корисник: СОЈУЗ НА МАТЕМАТИЧАРИ НА МАКЕДОНИЈА Банка: Комерцијална банка – АД Скопје Жиро сметка: 300000001276071 Цел на уплата: Котизација за учество на MICOM 2009
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ABSTRACTS AND PROCEEDINGS

Paper abstracts must be submitted electronically through <http://micom2009.smm.org.mk>, where abstract submission instructions are also available. The abstracts must be prepared in English, which is also the official congress language. Paper presentations will be limited to 15 minutes.

During or after the Congress, authors will receive the instructions for preparation of the full papers. All the submitted papers will then be subjected to a peer-review process. Papers with positive reviews will be published in one of the following publications:

- *Mathematica Balkanica* (a quarterly journal of the Bulgarian Academy of Sciences);
- *Bulletin mathématique de la Société des Mathématiciens de la République de Macédoine* (an annual journal of the Union of Mathematicians of Macedonia);
- Proceedings of MASSEE International Congress of Mathematics MICOM 2009.

The published papers will be submitted for review in the *Mathematical Reviews* and *Zentralblatt für Mathematik und ihre Grenzgebiete*.

CONGRESS VENUE

Ohrid is a renowned cultural, historic and tourist centre. It is known for its beautiful Ohrid Lake - chartered by UNESCO as one of the oldest lakes in Europe and the world. Ohrid is called the Macedonian Jerusalem due to its numerous churches (more than 365). Learning about this town makes one feel like going through the whole history of the biblical country of Macedonia. Through the activity of St. Clement of Ohrid, the first pan-Slavonic University in Europe was situated here.

Ohrid is located 160 km from Skopje to the south-west and has its own airport – 10 km away from the city center. It is about 700 m above the sea level. The climate is continental with modest temperatures during the whole year.



ACCOMMODATION

The Congress will take place in the "Granit" hotel, which is located on the Lake Ohrid coastline, about 5 km from the centre of the Ohrid city. Hotel information is available at <http://www.hotelgranit.com.mk>. The accommodation prices (incl. VAT) are provided in the following table.

Standard rooms	Price
Half Board - 1/2 room	50 EUR - per person
Half Board - 1/1 room	63 EUR
Apartments	Price
Half Board - 1/2 room	70 EUR – per person
Half Board - 1/1 room	83 EUR

- Additional meal (open buffet) + 10 €
- The price of the farewell dinner for the participants that are not accommodated in the hotel is 20 €

For accommodation in the congress hotel, please fill out the accommodation form available at the Congress website. Note that the payment for the accommodation will be at the hotel desk.

Trips

Several trips will be organised, each giving the opportunity to visit a different part of Macedonia. It is intended to include important museums, monuments and historical and archaeological sites.

A. Pelister – Bitola – Heraclea

Pelister is the oldest national park in the Republic of Macedonia. As part of the Mountain Baba, it is located between the ravines Prespa and Pelagonia. Pelister is characterized by lush, well-watered forests and unique geological formations, which include layers of Paleozoic and Mesozoic magma rock and layers of quartz. The core of the mountain is made of granite some 465 million years old. The mountain has a large number of peaks higher than 2000 m separated by deep valleys. The park is also rich in springs, streams and rivers, and contains two glacial lakes known locally as the Mountain's Eyes.



Bitola is a city in the south-western part of the country. The stately old architecture of Bitola harkens back to more than a century ago when the town was a centre for international diplomats to the Ottoman administration, supplanting Skopje and becoming known far and wide as the "city of the consuls." Even today, some of the faded elegance of that bygone time can be seen in the neoclassical facades of downtown buildings and the old gentlemen conversing in Bitola's flowering park, all decked out in their finest Sunday suits and hats.



Famous for its dazzling mosaics, ancient theatre and Roman baths, Heraclea is the most vividly preserved city from the Ancient Macedonian empire surviving in the country. Founded in the 4th century B.C.E. and conquered by the Romans two centuries later, it was built on the Via Egnatia and became one of the key stations on this trading route. From the 4th-6th centuries C.E. Heraclea also had an Episcopal seat. The first excavations were done before the First World War, but only since then have the full glories of the ancient city been revealed. Beautiful Roman baths, the Episcopal church and baptistery, a Jewish temple, portico and a Roman theatre now used for summer concerts and theatre shows all survive in excellent condition.



B. Sightseeing of the old city of Ohrid. The old city of Ohrid and its vicinity abound in magnificent ancient archaeological sites and monasteries dating from the early 12th to the 18th century, adorned with unique mosaics, frescoes, wood carving and other relics and artefacts. The lake, the mountains around it, the city's architecture, its museums, restaurants and cafés offer the visitor a remarkable range of sightseeing, walking and leisure-time activities. The excursion includes the visiting of the several Ohrid's churches, Samuel's Fortress, antique theatre, and Ohrid's shopping district.

C. Excursion by boat to **springs of river Drim and monastery complex St. Naum** to the southeast side of the Ohrid Lake.

D. Struga – Vevchani. Struga is renowned for its International Poetry Festival and abounds in examples of old Macedonian architecture. The village of Vevchani is famous by its 14 centuries carnival and the most interesting karst springs in Macedonia, known as the Vevchani springs.

Additional information is available at <http://www.exploringmacedonia.com> and <http://www.macedoniatimeless.com>.

INVITED SPEAKERS

- Prof. C. Sidney **Burrus**, Rice University, USA
- Prof. Danilo **Gligorovski**, Norwegian University of Science and Technology, Norway
- Prof. Radu Nikolae **Gologan**, Institute of Mathematics of the Romanian Academy, Romania
- Prof. Natasha **Jonoska**, University of South Florida, USA
- Prof. Franz **Kappel**, University of Graz, Austria
- Prof. Stevan **Pilipovic**, University of Novi Sad, Serbia
- Prof. Guentcho **Skordev**, Bremen University, Germany
- Prof. Doru **Stefanescu**, The Ohio State University, USA
- Prof. Zoran **Sunic**, Texas A&M University, USA
- Prof. Vladimir Mihailovic **Tihomirov**, Lomonosov Moscow State University, Russia

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Local members:

Aneta Buchkovska, Vesna Dimitrova, Sonja Gegovska Zajkova, Borko Ilievski, Metodija Janceski,
Risto Malceski, Aleksa Malceski, Ljupco Nastovski, Irena Stojkovska

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