

SECOND ANNOUNCEMENT & CALL FOR PAPERS

XI International Symposium on Self-Propagating High-Temperature Synthesis

SHS 2011



5 - 9 September 2011
Anavyssos, Attica, Greece
EDEN BEACH Resort Hotel
shs2011@ims.demokritos.gr

web.ims.demokritos.gr/SHS2011

Institute of Materials Science, "Demokritos" National Center for Scientific Research, Greece
Institute of Structural Macrokinetics and Materials Science of RAS, Russia
World Academy of Ceramics
International Association on Self-Propagating High Temperature Synthesis (SHS-AS)

Official Symposium Website:

web.ims.demokritos.gr/SHS2011

ABOUT THE SYMPOSIUM



Παρθενώνας

The International Symposia on SHS are held every two years and address both the fundamentals and the applications of self-propagating high-temperature synthesis of materials and their processing.

The previous 10 meetings have been held in Kazakhstan (Alma-Ata, 1991), USA (Honolulu, 1993), China (Wuhan, 1995), Spain (Toledo, 1997), Russia (Moscow, 1999), Israel (Haifa, 2002), Poland (Krakow, 2003), Italy (Cagliari, 2005), France (Dijon, 2007) and Armenia (Tsakhadzor, 2009).

The XI Symposium will be held on 5-9 September 2011 at Anavyssos, Attica, near Athens, Greece. The Symposium will be held over five days with invited and contributed papers being

presented on the science and technology of SHS.

SYMPOSIUM TOPICS

1. Combustion theory and modeling
2. Structural Macrokinetics of SHS processes
3. Chemistry and Technology of SHS processes
4. SHS of advanced materials: nanomaterials, metals, ceramics, intermetallics, composites, etc.
5. Non-conventional SHS processes: New methods and applications
6. Industrialization of SHS

The Symposium technical program is expected to have two parallel sessions and will be held over four days, in the mornings and some afternoons. The topics will be addressed in invited plenary lectures, keynote lectures, selected oral presentations and poster sessions. A special session on “Industrialization of SHS” where representatives from industry will be invited is planned. A special session for young researchers is planned and a “Student Poster Competition” will be organized and will be judged by a panel appointed by the International Organizing Committee. In addition, round table discussions will be held to discuss the latest trends and developments on SHS.

ABSTRACT SUBMISSION

Participants wishing to present a contribution are requested to complete the form and prepare and submit a two page extended abstract before 15 March 2011 according to the instructions at the Symposium website:

web.ims.demokritos.gr/SHS2011

SYMPOSIUM PROCEEDINGS

The Abstracts Book will be distributed at the Symposium desk during registration. Selected manuscripts will be invited to be submitted by 1st September 2011 and will be published in the International Journal of SHS soon after the Symposium.



INTERNATIONAL ORGANIZING COMMITTEE (IOC)

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DEPUTY –CHAIRPERSON

Galina Xanthopoulou (Greece)

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LOCAL ORGANIZING COMMITTEE

Chairperson: Galina Xanthopoulou

Co-chairman: George Vekinis



KEY DATES

15 March 2011: Extended abstract submission deadline

15 April 2011: Notice to Authors on abstract acceptance and format of presentation

1 May 2011: Provisional Symposium Programme

1 July 2011: Early registration deadline

1 September 2011: Manuscript submission (by invitation)

5 September 2011: Symposium Registration opens

8 September 2011: Symposium Beach Banquet

SPONSORS & EXHIBITORS

Companies wishing to sponsor the Symposium or exhibit related material, equipment and apparatus during the Symposium are welcome. Please contact the secretariat at: shs2011@ims.demokritos.gr

LANGUAGE

The official language of the Symposium will be English and all abstracts, talks, posters and manuscripts as well as all communications with the Secretariat must be in English.

REGISTRATION FEES

The early (before 1st July 2011) registration fees for the Symposium are 550Euro which include all Symposium lunches and coffees as well as the Abstract Book and 1 ticket to the Symposium Banquet. More details can be found at the Symposium website: web.ims.demokritos.gr/SHS2011

SYMPOSIUM VENUE

The Symposium will be held at the **Eden Beach Resort Hotel** near Anavyssos, Attica, Greece. The Resort is amphitheatrically built in seven hectares of pine trees, south west of Athens and nearly all rooms face the sea. It is located on the shores of the Saronic Gulf, 47km from the centre of Athens and 25 km from Athens International airport and has its own beach and beach bar/restaurant. In early September, the average day temperature in this area is about 25-30°C with only rarely any rain. There is a bus service to Athens and Sounion outside the Hotel. Prospective participants should contact the Hotel directly for accommodation requirements and mention SHS 2011 as we have negotiated significantly discounted rates for the Symposium. There are also some ground-floor rooms without sea view at even lower rates. For more information, see the Symposium website web.ims.demokritos.gr/SHS2011 and also <http://www.eden.gr/an/>



NON-SCIENTIFIC PROGRAMME

The Symposium Banquet will be held in the evening of Thursday 8th September 2011, on the resort beach, by the sea. A number of excursions (to Sounion, Athens, Mycenae, Epidaurus etc) are planned for the duration of the Symposium for participants and accompanying persons. More details can be found at the website: web.ims.demokritos.gr/SHS2011

SYMPOSIUM SECRETARIAT

SHS 2011 Secretariat

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We are looking forward to welcoming you in Greece in September 2011!