

ABOUT THE CONFERENCE

The International Symposia on SHS are held every two years and address both fundamentals and applications of exothermal synthesis of materials and their processing.

Previous meetings were held in:

1. Kazakhstan (Alma-Ata, 1991)
2. USA (Honolulu, 1993)
3. China (Wuhan, 1995)
4. Spain (Toledo, 1997)
5. Russia (Moscow, 1999)
6. Israel (Haifa, 2002)
7. Poland (Cracow, 2003)

These meetings are now recognized as one of the most important calendar events in SHS science and technology.

CONFERENCE TOPICS

The VIII edition of the International Symposium on Self-Propagating High-Temperature Synthesis (SHS, Cagliari 2005) will bring together experts from all over the world to exchange key information and held helpful discussions on many aspects of:

- 1 - combustion theory and modelling;
- 2 - structural macrokinetics of SHS processes;
- 3 - synthesis of ceramics, intermetallics and composites by SHS;
- 4 - non-traditional SHS processes (SHS in thin films, SHS in shock waves, mechanochemical SHS, environmental SHS, field-assisted SHS, etc);
- 5 - industrialization of the SHS processes.

The conference technical program will flow with two parallel sessions, which will be held over three days.

The conference topics will be treated in invited plenary lectures, selected oral presentations and poster sessions. Posters will stay on for the whole

conference favouring author presentation and spontaneous discussions.

ABSTRACTS SUBMISSION

Participants wishing to present a contribution are asked to prepare an Extended Abstract (2 pages A4 format, according to the formatting instructions available on the website <http://www.aidic.it/SHS>)

The deadline is October 15th, 2004

The abstract has to indicate the complete addresses and e-mail of each author. This is a necessary condition being **all the future communications conducted by e-mail** and web pages. Please indicate also the topic, which the abstract belongs to, and your preference for oral or poster presentations.

Submit the abstract by web-page to the Conference Secretariat <http://www.aidic.it/SHS>

PROCEEDINGS

An extended abstract book will be distributed at the Conference desk. A copy will be available in advance for consultation on AIDIC web site. In addition, selected manuscripts will be published in Special Issues of International Journals including the International Journal of Self-propagating High-temperature Synthesis.

CONFERENCE LANGUAGE

Conference official language is English

SPONSOR & EXHIBITORS

Companies and organisations that would like to support the Conference and demonstrate their interest in the field are encouraged to sponsor the Conference.

An exhibition will be organised during the conference. All the interested Companies and organisations are invited to contact the Secretariat

for further information. Participants from industry are welcome.

VENUE

The Symposium will take place at the Congress-Centre of the Hotel Setar Palace, from the June 21st to June 24th, 2005

Hotel Setar Palace
Via Leonardo Da Vinci, 1/3
09045 Quartu S. Elena
Cagliari - Sardinia - Italy
www.hotelsetar.it

The tourist resort Hotel Setar is located right on the sea at Quartu S. Elena, with a marvellous view over the *Gulf of the Angels*. It is 15 km from Cagliari and 18 km from the airport of Elmas.



Sardinia is the second largest Mediterranean island. For centuries it has remained unspoiled and intact, just as it must have appeared to the Carthaginian and Phoenician invaders in ancient times. A land of wild forests, steep seaside cliffs and dazzling beaches. A sea of incredible colors, one of the world's most thought-after holiday destinations. Special places to visit include the famous Nuraghes at Barumini, the sunken Roman city of Nora, Saint Peter's island, Cagliari (Sardinia's capital city), the beautiful coasts of Chia and Teulada.

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CONFERENCE SECRETARIAT

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View of Cagliari Town

You may visit:

<http://www.aidic.it/SHS>

- to fill the reply form
- to submit abstracts and manuscripts
- to register
- to book hotel rooms
- to read the program
- to find information about the venue
- to see the updates

KEY DATES

30th June, 2004
Return reply form (see web site)
October 15th, 2004
Extended abstract submission
December 31st, 2004
Information to Authors on abstract
acceptance and format of presentation
January 31st, 2005
Submission of full manuscript
March 20th, 2005
Registration
April 20th, 2005
Tentative program

Updated information about plenaries, fees, guidelines,
ecc. may be found on the website as soon as available.

FIRST CIRCULAR and CALL for PAPERS

SHS - 2005 VIII International Symposium on Self-propagating High-temperature Synthesis



Hotel Setar
Cagliari, Italy
21-24 June, 2005

Organized by

- Università degli Studi di Cagliari, Dipartimento di Ingegneria Chimica e Materiali
- International Association on Self-propagating High-temperature Synthesis (SHS-AS)
- Center for Advanced Studies, Research and Development in Sardinia (CRS4), Chemical Processes and Materials Modeling Area

Logistic Organization by



Italian Association of Chemical Engineering