

**A.B. Nalbandyan Institute  
of Chemical Physics  
National Academy of  
Sciences of Armenia**

**Technion – Israel Institute  
of Technology**

**Yerevan State University**

**First Armenian-Israeli Workshop  
on Self-Propagating High-Temperature Synthesis  
(AIW SHS-2005)**

Yerevan, Armenia  
September 26-29, 2005



*Sponsored by*

The Fund “Combustion Synthesis and Materials Science” (CSMS Fund)  
Yerevan, Armenia

**First Announcement & Call for Abstracts**

## **Introduction and Goals of the Workshop**

The Institute of Chemical Physics National Academy of Sciences of Armenia, Yerevan State University (YSU) and the Technion - Israel Institute of Technology organize the workshop scheduled for 26-29 September 2005 in Yerevan, Armenia. This Workshop is also supported by the «Combustion Synthesis and Materials Science» Fund (CSMS, Armenia).

The Workshop aims to present recent advance in the field of SHS, to exchange key information and helpful discussions on many aspects of SHS, to establish new ways of partnership and to stimulate research in the field of SHS in Armenia and Israel.

## **Scope**

The conference will cover the following topics:

- A. Fundamentals of thermal explosion and SHS;**
- B. Kinetics and thermodynamics of SHS;**
- C. Conventional SHS processes; chemistry and technology;**
- D. Synthesis of ceramics, intermetallics and composites by SHS;**
- E. Mechanochemical and chemical activation of SHS processes;**
- F. SHS metallurgy.**

The Workshop topics will be treated in selected oral presentations and poster sessions, which will be held over three days. Posters will be presented on the last day of Workshop.

## **Organizing Committee**

<b>Chairman</b>	<b>S.L. Kharatyan (Armenia)</b>
<b>Co-chairman</b>	<b>E.Y. Gutmanas (Israel)</b>
<b>Secretary</b>	<b>A.B. Harutyunyan (Armenia)</b>

## **Advisory Board**

**P.B. Avakyan, SHS Centre, Armenia**  
**A.A. Avetisyan, YSU, Armenia**  
**M.P. Dariel, Beer-Sheva Univ., Israel**  
**S.P. Davtyan, Inst.General & Inorg.Chem, Armenia**  
**S.K. Dolukhanyan, Inst.Chem.Physics, Armenia**  
**A. Gany, Technion, Israel**  
**I. Gotman, Technion, Haifa, Israel**  
**A.H. Mantashyan, Inst.Chem.Physics, Armenia**

## **Local Organizing Committee**

**S.L. Kharatyan (YSU, Chairman)**  
**A.B. Harutyunyan (Inst. Chem. Physics)**  
**H.G. Hakobyan (Inst. Chem. Physics)**  
**Zh.S. Vardanyan (Inst. Chem. Physics)**  
**Kh.V. Manukyan (YSU)**  
**H.L. Khachatryan (YSU)**

## Key Dates

Return of Questionnaire	05 May 2005
Abstract Submission	15 July 2005
Tentative Program	10 August 2005
Registration and hotel reservation	15 August 2005

## Call for Abstracts

Contributions for oral (and poster) presentations are welcome. The deadline for 1 page abstract is 15 July 2005. Abstract should contain title, names and affiliation(s) of author(s), mailing address of the author, to whom the correspondence should be addressed. Abstract should state the objectives of the work and main results. Please submit the abstract via e-mail to the workshop secretariat as an attached file in MS Word format: [arkadi@ichph.sci.am](mailto:arkadi@ichph.sci.am)  
All participants will be providing for the final program and book of abstracts upon their arrival.

## Official language

English will be the official language of the workshop.

## Workshop Location and Weather

The 1<sup>st</sup> Armenian-Israeli Workshop on SHS will be held at the Yerevan State University and Institute of Chemical Physics (IChPh).

Yerevan State University (YSU) is first modern highest educational institution in Armenia founded in 1919. A.B. Nalbandyan institute of Chemical Physics NAS of Armenia was founded in 1962.

Distance from Zvartnots International Airport (Yerevan) to YSU is about 15 km, and to IChPh 20 km.

Yerevan is the capital of Armenia and one of the oldest cities in the world, almost 3000 years old. It stretches under the gaze of biblical mountain Ararat and resembles a beautiful gilt bowl to those flying over it.

Modern Yerevan is mostly a rebuilt colorful city with buildings of unique architecture, constructed from basalt, marble, onyx and volcanic tufa stone.

In the end of September the weather in Yerevan is sunny with average temperature about 25°C.

## Workshop Secretariat

A.B. Nalbandyan Institute of Chemical  
Physics NAS of Armenia,  
P. Sevak 5/2, 375014,  
Yerevan, Armenia

Secretary of Organizing Committee  
Dr. Arkadi B. Harutyunyan  
Phone: (375 1) 281-610  
E-mail: [arkadi@ichph.sci.am](mailto:arkadi@ichph.sci.am)

# Questionnaire

For preliminary registration at First Armenian-Israeli Workshop  
on Self-Propagating High-Temperature Synthesis  
26-29 September 2005 Yerevan, Armenia

Tentative title of presentation

---

---

---

Please select a category of topic:

A    B    C    D    E    F

- 
- I intend to participate with presentation
- I intend to participate without presentation

First name \_\_\_\_\_

Last name \_\_\_\_\_

Company/Institute/University

---

---

Address \_\_\_\_\_

---

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

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

**Return by May 5, 2005**

**By e-mail**

Registration documents including hotel suggestions will be sent out upon receipt.