

Russian Academy of Sciences
Scientific Center in Chernogolovka
Scientific Council on Combustion and Explosion
Institute of Structural Macrokinetics and Materials Science

World Academy of Ceramics
International Association of Self-propagating High temperature Synthesis

Russian Foundation for Basic Researches



International Conference on Historical Aspects of SHS in Different Countries

***Dedicated to the 40th anniversary of
Self-propagating High-temperature Synthesis***

Program

***Chernogolovka, Russia
22 - 27 October 2007***

<http://www.ism.ac.ru/events/SHS-40/index.htm>

Jubilee Session of the Presidium of Scientific Center RAS in Chernogolovka

October 22, 2007

Morning session 11:00 – 14:00

Main building ICP RAS

Chairman of the Scientific Center RAS in Chernogolovka, Member of Presidium of the Russian Academy of Sciences, Academician **S.M. Aldoshin**.

Opening address

President of the World Academy of Ceramics, Dr. **P.Vincenzini**

Welcoming speech

Academician **A.G. Merzhanov**

40 years of SHS: Fortune of a scientific discovery.

Academician **B.F. Myasoedov**.

Self-propagating high temperature synthesis in the solution of the problem of the radioactive waste management.

Presentation of medals and awards.

14:00 – 15:00 LUNCH

International Conference on Historical Aspects of SHS in Different Countries

October 22, 2007

Evening session

Reception Hall of the Scientists House

15:00 – 15:40 I.P. Borovinskaya (Russia) Development of SHS in Russia: From a scientific discovery to large-tonnage production.

15:40 – 16:05 A.P. Aldushin (Russia) Development of the combustion theory inspired by SHS discovery

16:05 – 16:30 A.A. Mantashyan. (Armenia) Armenian school of thought in SHS

16:30 – 16:55 P.A. Vityaz. (Belorussia) Belorussian accent in development of SHS.

16:55 – 17:20 G. G. Xanthopoulou. (Greece) Kazakhstan–Greece cooperation in the field of SHS

17:20 – 17:45 G.G. Gnesin (Ukraine) Materials science of SHS products in Ukraine.

17:45 – 18:10 G.F. Tavadze, G.Sh. Oniashvili (Georgia) Implementations of SHS in Georgia.

19:00 WELCOME PARTY

October 23, 2007

Morning session

Reception Hall of the Scientists House

09:30 – 10:00 J. McCauley and J. Puszynski (USA) Historical Perspective and Contribution of U.S. Researchers into the Field of Combustion Synthesis.

10:00 – 10:30 C.-C. Ge. (China) Development of SHS in China.

10:30 – 11:00 K.C. Patil and S.T. Aruna (India) SHS in India.

11:00 – 11:30 E.Y. Gutmanas and I. Gotman. (Israel) A way of Israel to the SHS community worldwide.

11:30 – 12:00 G. Cao, (Italy) SHS research in Italy.

12:00 – 13:00

Award ceremony dedicated to the scientists who made outstanding contribution in the field of SHS

13:00 – 14:00 LUNCH

14:15 - 19:15

SOCIAL PROGRAM

19:30 CONFERENCE BANQUET

October 24, 2007

Morning session

Reception Hall of the Scientists House

9:30 – 10:00 R.Pampuch, J.Lis (Poland) Modern SHS technology in ancient Cracow.

10:00 – 10:30 M. Gutierrez, M. Rodriguez (Spain) Spanish approach to SHS studies.

10:30 – 11:00 J.-C. Niepce, F.Bernard (France) Program of SHS research in France.

11:00 – 11:30 I. Parkin (UK), M.Kuznetsov (Russia) Some touches to SHS research in Great Britain.

11:30 – 12:00 G.I. Ksandopulo, Z.A. Mansurov (Kazakhstan) SHS technology development in Kazakhstan.

12:00 - 12:30 C.W.Won, H.H. Nersisyan, H.I Won, Research activity and the main achievement in SHS field in Korea.

12:30 - 13:00 A.S. Mukasyan, A.G.Merzhanov, A.S.Rogachev, A.E.Sytschev Hot spots in the field of SHS.

13:00 – 14:00 Open session of SHS-AS and editorial board of SHS journal

14:00 – 15:00 LUNCH

October 24, 2007

Evening session

Reception Hall of the Scientists House

15:00 – 18:30

Short oral presentations on the new scientific results (works in progress)

18:30 Closing of the Conference.

Memo for invited lecturers

Typically, your presentation is expected to follow the scheme given below.

(1) When did arise interest in SHS in your country? Who initiated the research work? Who did organize the work? Which were the primary task objectives?

(2) Which research teams were involved? And how did they develop? Are there any new research teams that have sprung up recently?

(3) Key achievements of SHS research in your country

in basic research

in R & D

in development work

(4) Which are the perspectives of SHS in your country? Which are the newest, most promising results?

The presentation must be well-illustrated.

Deadline for publication: October, 2007