

XIII INTERNATIONAL WORKSHOP HEMs-2017
High Energy Materials: Demilitarization, Antiterrorism and
Civil Application
Sendai, Miyagi, JAPAN, 06 November, 2017



National Research
Tomsk State University,
Tomsk, Russia



JSC FR & PC ALTAL,
Biysk, Russia

AIRBUS SAFRAN
LAUNCHERS



TP «Medicine of the Future»



ORGANIZING COMMITTEE

Keiichi Hori (Japan), Herve Graindorge (France), Alexander Vorozhtsov (Russia)

INTERNATIONAL ADVISORY COMMITTEE

Adam Cumming (UK), Edward Galazhinsky (Russia), Volker Gettwert (Germany), Herve Graindorge (France), Edward Dreizin (USA), Wilhelm Eckl (Germany), Keiichi Hori (Japan), Guy Jacob (France), Bernie Kosowski (USA), Andrey Litvinov (Russia), Colin Pulham (UK), Gennady Sakovich (Russia), Sergei Sysolyatin (Russia), Raphael Terreaux (France), Alexander Vorozhtsov (Russia)

SUBJECT AND PURPOSES OF HEMs-2017

XIII International Workshop HEMs-2017 is held for the purpose of strengthening collaboration of scientists from different countries and manufacturers working on the development of new articles based on high energy materials and chemical substances, and their applications. In addition, development and applications of other materials with relevant chemical structures and compositions are considered.

The Workshop covers fundamental and applied problems of antiterrorism-related and civilian applications of HEMs, and pertinent metallic and pharmaceutical substances. It will establish the present state of the art and development perspectives in the following directions:

1. Development of HEMs, Their Features, Diagnostics and Combustion;
2. Demilitarization/Utilization/Environmental Safety of Energetic Systems;
3. Rocket Motors for Space Systems, Gas Generators;
4. High Energy Materials for Antiterrorism Purposes;
5. Dual-Purpose Chemical Substances and Medico-Biologic materials;
6. Nanoscience and Nanotechnologies (including medicine and pharmaceuticals and special metallurgy).

PRELIMINARY PROGRAM

5.11.17	Sunday	Arrival	Welcome reception
6.11.17	Monday		HEMs-2017
7-10.11.17	Tuesday-Friday		Registration, lectures, photo, cocktail party
11.11.17	Saturday	Departure	ISEM 2017

PARTICIPATION FEE AND ACCOMODATION

US \$90
Accommodation: see ISEM 2017

SCHEDULE AND DEADLINES

Technical sessions of the Workshop will be held during one day as 8-10 invited lectures of leading scientists from Japan, Russia, France, UK, Germany and others in Tohoku University (Sendai, Miyagi, JAPAN) during 1 day as satellite Workshop to ISEM 2017, the 6th International Symposium on Energetic Materials and their Applications.

These sessions will provide insight from international experts into cutting-edge developments in the field of HEMs.

Participation in Workshop should be confirmed before September 1, 2017

MAIL ADDRESS

hori.keiichi@jaxa.jp
abv1953@mail.ru
khemelmg@gmail.com

CONTACT PERSONS

Prof. Keiichi Hori
Prof. Alexander Vorozhtsov
Ms. Marina Khmeleva