



Lotte World Tower Seoul (555m)



Gyeongbok Palace (1395 A.D.)



Seoul International Fireworks Festival



World Famous K-POP Stars

Dear Colleagues,

On behalf of the Organizing Committee, Converged Energy and Materials Research Center (CEMRC) is very pleased to invite you to the **5th International Symposium on High Energy Materials (KISHEM-5)** which will be held from **August 23 to 27, 2020 in Seoul, Korea.**

KISHEM-4 (2017) was successfully organized with excellent participants from over 20 countries. The organizing committee is very happy to announce that KISHEM-5 will be held in 2020. The scientific program of KISHEM-5 will provide an opportunity for participants to exchange new ideas and information on many important issues of energetic materials. KISHEM-5 will be an occasion for the participants to make new acquaintances and strengthen friendship.

Seoul, the capital city of Korea, is one of the most dynamic and safest cities in the world and has left a shining impression on the public with its successful staging of the 1988 Summer Olympic Games, 2002 FIFA World Cup, G20 Summit in 2010 and 2014 Asian Games. Excellent facilities and natural beauty combined with its 5000-year historical heritage will no doubt make Seoul an attractive place to visit, where the old and new coexist in harmony.

The Organizing Committee will endeavor to put together an exciting social program for the delegates so that they can all carry home good memories from Korea. We appreciate your participation and interest for the converged energetic materials in KISHEM-5 and we look forward to meeting you in Seoul in August, 2020.

»» MAIN TOPICS

To meet future operational requirements, science and technology must be developed to enhance the performance of energetic materials with improved sensitivity and stability while providing environmentally acceptable methods for disposal and recycling.

- Propellants
- High Explosives
- Insensitive Munitions
- New Energetic Materials
- Synthesis
- Characterization
- Physical Properties
- Ageing
- Performance
- Manufacturing
- Detonation
- Pyrotechnics
- Combustion
- Modeling and Theoretical Approaches
- Demilitarization, Disposal and Recycling
- Safety

»» IMPORTANT DATES

The Organizing Committee of KISHEM-5 welcomes abstract submission for oral and poster sessions. All abstracts presented at the symposium will be published in the abstract book. Abstracts received by **April 17, 2020** will be considered under the standard review procedure. All authors accepted for presentation must register for the conference before **July 31, 2020** in order to confirm their participation.

- Due Date for One-Page Abstract: **April 17, 2020**
- Abstract Acceptance Notice: **May 31, 2020**
- Due Date for Early Registration: **June 30, 2020**
- Session Schedule Notice: **July 10, 2020**
- Due Date for Extended Abstract: **July 24, 2020**
- KISHEM-5 Conference: **August 23 – 27, 2020**

»» PAST CONFERENCE



〈 KISHEM-4 in 2017 〉

»» CONFERENCE SITE VIEW



〈 Seoul view & Yonsei University 〉



〈 Traditional town and Korean performance 〉

»» CULTURE



»» ORGANIZING CHAIR: Prof. Chang-Ha Lee (Yonsei University, Korea)

»» ORGANIZING COMMITTEE

- Dr. Manfred A. Bohn (Fraunhofer ICT, Germany)
- Prof. Adam S. Cumming (University of Edinburgh, UK)
- Dr. Stefan Ek (FOI, Sweden)
- Dr. Jinkyung Jung (Agency for Defense Development, Korea)
- Dr. Wim de Klerk (TNO Defense, Safety and Security, Netherlands)
- Prof. Ricardo Mendes (Universidade de Coimbra, Portugal)
- Prof. Atsumi Miyake (Yokohama National University, Japan)
- Prof. Jiri Pachman (University of Pardubice, Czech Republic)
- Dr. Jesse J. Sabatini (CCDC US Army Research Laboratory, USA)
- Prof. Ruiqi Shen (Nanjing University of Science and Technology, China)
- Prof. Gennady Shvetsov (Russian Academy of Sciences, Russia)
- Prof. Valery P. Sinditskii (Mendeleev University of Chemical Technology, Russia)
- Prof. Cheng Wang (Beijing Institute of Technology, China)
- Mr. Clive Russel Woodley (Imperial College, UK)

»» HONORABLE COMMITTEE

- Prof. Jose' L. Andrade Campos (Universidade de Coimbra, Portugal)
- Prof. Hai Whang Lee (Inha University, Korea)

»» LOCAL ORGANIZING COMMITTEE

- Prof. Ik-Sung Ahn (Yonsei University, Korea)
- Prof. Eunkyong Kim (Yonsei University, Korea)
- Prof. Il Moon (Yonsei University, Korea)
- Dr. Keun Deuk Lee (Agency for Defense Development, Korea)
- Dr. Sejin Lee (Agency for Defense Development, Korea)
- Dr. Jung Su Park (Agency for Defense Development, Korea)

»» OFFICIAL CONTACT E-MAIL

kishem5@yonsei.ac.kr

»» OFFICIAL HOMEPAGE

<http://www.kishem.co.kr>