Nano-Satellite Symposium/UNISEC-Global Meeting

Introduction for Sponsorship

The 7th Symposium & the 4th Meeting, including the 4th Mission Idea Contest and the Deorbit Device Competition, will be jointly held in Kamchia, Bulgaria on October 18 – 23, 2016

July, 2016
University Space Engineering Consortium (UNISEC)
Brief Program

• The 7th Nano-Satellite Symposium  October 18-19
• The 4th UNISEC-Global Meeting  October 20-23
  - Deorbit Device Competition  October 20
  - 4th Mission Idea Contest  October 21
Venue – Kamchia resort, BULGARIA
Sanatorium and Health Complex Resort “Kamchia”

Varna Airport: 1 hour flight from Istanbul; 2.5 h from Frankfurt;
50 minutes flight from Sofia (5 hours by car)

Local Organiser: CLUSTER for AEROSPACE TECHNOLOGIES, RESEARCH AND APPLICATIONS
Sanatorium and Health Complex Resort “Kamchia” is an unique new facility, which combines a Seaside Resort, a Wellness Center, Children’s Camp, High School, a Palace for Children’s Creative work, Sports and Rehabilitation Center.

The Complex is situated among a preserved nature – clean sea beach, river, forest, neighboring of a Natural Reserve protected by UNESCO. All buildings are new (2013), situated in an oak forest, a handsome park with botanical zones, eco-trails, summerhouses, places for campfires, zones for relax, sports and entertainment are carefully maintained.

Part of the Complex is the Educational and Teaching Center (School) “Yourii Gagarin”. The Center includes a school with 18 cabinets, teaching and acts hall, sports hall, music hall, dancing hall, exhibition hall, children’s media center, press center, Aerospace center with Planetarium, Observatory, Inter-active simulator of the “SOJUZ-TMA” space capsule, Space Museum and other.
IMAGES FROM THE VENUE
## Price Unit for Sponsored Items

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<td>50,000 yen (400 Euro)</td>
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<td>Full-Page Ad in A Program Brochure</td>
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<td>Exhibit of Your Poster at the Venue</td>
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<td>Contribution to Competition Prize</td>
<td>N/A</td>
<td>100,000 yen (800 Euro) or more</td>
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Note: The above price is not included tax.
Travel Funding Support

• Travel funding support to Student representative in your region
  Please contact the point of contact in your region.
  http://www.unisec-global.org/pointofcontact.html

• Travel funding support to Finalists of competition
  – Mission Idea Contest
  – Deorbit Device Competition
  Please contact <secretariat@unisec-global.org>
Invitation to Exhibition

• Period: October 18 (Tue)-23 (Sun), 2016
• Venue: Kamchia Resort, Bulgaria
  (Attached with the Nano-Satellite Symposium & the UNISEC-Global Meeting)
• Estimated Number of Participants: about 200
• Fee: 1,000€/booth (Table of 140 cm X 85 cm)
• Listing of Exhibitors in the Program
• Logo on the website
• Contact: secretariat@unisec-global.org
Nano-satellite Symposium
Oct 18-19, 2016

• It covers all fields of nano-satellite with less than 50 kg in weight.
• Speakers will make academic presentations about missions, application, technology, infrastructure (launch, legal aspects, education, etc.) and so on.
• The past symposiums had been held 5 times in Japan as part of the “Hodoyoshi Project”, starting from 2010. The 6th symposium was held last year as one of the programs at ISTS.
• This is a first symposium to be held outside Japan. The 8th one will be held at ISTS (Japan) and the 9th one planned in Australia.
UNISEC-Global Meeting (Oct 20-23, 2016)

• The UNISEC-Global Meeting is an annual gathering to expand the system of university consortium beyond Japan which intends to promote practical space projects at university level.

• At present, 14 local chapters have been acknowledged. The UNISEC-Global aims to establish a world community of universities which have practical space engineering curriculum. Its target is to let local chapters of 100 around the world join the community by 2020.

• The meeting includes Local Chapter activities report, Group discussion, Student Session and Acknowledgement of new local chapter.
Deorbit Device Competition (Oct 20, 2016)

• This is a first competition to propose technical approaches for deorbit devices to prevent space debris.

• It is to facilitate the sharing of innovative solutions for debris mitigation and to develop effective deorbit devices.

• It will be expected to increase awareness for sustainable and harmonious space development.
Mission Idea Contest for Micro/Nano-Satellite Utilization
Oct 21, 2016

• This is a contest to propose new applications of Micro/Nano-Satellite with less than 50kg in weight.
• Since the 1st Contest as part of the “Hodoyoshi Project in 2011, the Contest has been held 5 times in Japan, including 2 pre-workshops.
• The three publications have been made as the IAA book series.
• There have been regional coordinators of 35 countries around the world.
Vision 2020-100

• “By the end of 2020, let’s create a world where university students can participate in practical space projects in more than 100 countries.”

It will be realized if people in more than 100 countries believe it and help each other.
Achievement of UNISEC-Japan

37 university satellites launched in 12 years,
More than 900 student members from 50 universities in Japan
Expanding UNISEC Local Chapters

POCs in 35 regions/countries, namely, South Africa, Angola, Namibia, Egypt, Ghana, Kenya, Nigeria, Tunisia, Morocco, Bangladesh, Korea, Mongolia, the Philippines, Singapore, Taiwan, Thailand, Turkey, Australia, Indonesia, Saudi Arabia, Canada, USA, Guatemala, Brazil, Costa Rica, Mexico, Peru, Bulgaria, Lithuania, Italy and Japan.

14 Local Chapters and 1 Association of Local Chapters have been acknowledged.
Contact

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