



The 2nd Korea-Russia Aero-Space Workshop

PROGRAM

Workshop at University MAI in Moscow, November 22 of 2018

Opening Session (Moderator : Mr. Kaisin Dmitry, MAI)

- 09.00 ~ 10.00 Registration
- 10.00 ~ 10.05 Opening Remarks by Prof. Ravikovich Yury, Vice-Rector for Scientific Affairs, MAI
- 10.05 ~ 10.10 Welcoming Address by Dr. Suh, Gill Won, Director of KORUSTEC
- 10.10 ~ 10.15 Congratulatory Remarks by Dr. Shin, Suk Kyung, Director General of NRF
- 10.15 ~ 10.20 Congratulatory Remarks by Mr. Kang, Daesoo, Minister, Embassy of the Republic of Korea
- 10.20 ~ 10.35 Key-note Speech by Prof. Ravikovich Yury, Vice-Rector for Scientific Affairs, MAI

 Photo Session for all speakers and dignitaries

Session 1 : Aero-Space Materials 1 (Moderator : Dr. Kim, Sang-Woo, Hankyong National University)

- 10.50 ~ 11.20 Dr. Ripetsky Andrey, MAI
Issues of automation of technological processes of aircraft additive production using ceramics, metal and plastic materials
- 11.20 ~ 11.50 Dr. Kim, Sang-Woo, Hankyong National University
Investigation of bird strike-induced damages of KUH composite fuel tanks based on CEL and SPH methods
- 11.50 ~ 12.20 Dr. Nikitin Alexander, MAI; Prof. Palin-Liuc Thierry, CNRS
Very high cycle fatigue investigations on high strength materials for aerospace applications
- 12.20 ~ 12.50 Dr. Choi, Jeong-Ho, Kyungnam University
Research of Lightweight Structure
- 12.50 ~ 13.00 Q & A from floor

 13:00 ~ 14:30 Lunch

Session 2 : Aero-Space Materials 2

(Moderator : Dr. Leonid Ponyaev, MAI)

- 14.30 ~ 15.00 Prof. Shanyavskiy Andrey, MAI
Influence and consideration of very-high-cycle fatigue on the resource and fatigue life of aerospace structures
- 15.00 ~ 15.30 Dr. Cho, Hee-Keun, Andong University
Fabrication of smart composite materials by micro-tailoring
- 15.30 ~ 16.00 Dr. Zemerov Valeriy, MAI
Global system for contact monitoring of extended object
- 16.00 ~ 16.30 Dr. Nam, Young-Woo, Gyeongsang National University
Radar-absorbing composite structure with the metallic material coated dielectric fabric
- 16.30 ~ 17.00 Dr. Sheindlin Michael, Joint Institute for High Temperatures, RAS
High-temperature properties of the UHTC ceramics for aerospace applications
- 17.00 ~ 17.30 Mr. Biktimirov Shamil, Skolkovo Institute of Science and Technology
Sunlight Reflecting Small Satellite Formation Flying
- 17.30 ~ 17.45 Q & A from floor
- 17.45 ~ 18.00 Wrap-up and Adjourn