

# International Workshop on Lean Satellite – 2019

## Day 1 (Wednesday, December 4, 2019)

- 9:30~ Tomohisa Kunisawa, Ministry of Economy, Trade and Industry, Japan  
*Sponsor's speech*
- 9:40~ Mengu Cho, Kyushu Institute of Technology  
*Project Introduction*
- 10:10~ Fernando Aguado Agelet, University of Vigo  
*Analysis of the impact of Cubesat interfaces in small satellite missions: LUME-1 and WipTherm cases.*
- 10:40~ Coffee break
- 11:00~ Alexander Kramer, University of Wuerzburg  
*Experience with the UNISEC Europe Electrical Interface Bus*
- 11:30~ Herman Steyn, University of Stellenbosch  
*Hints and tips for the ADCS Design and Commissioning of Nanosatellites*
- 11:50~ Fabio Santoni, DIAEE-Sapienza University of Rome  
*Cubesat activity at Sapienza Space Systems and Space Surveillance Lab*
- 12:10~ Lunch & Group Photo
- 13:10~ Sangkyun Kim, Kyushu Institute of Technology  
*BIRDS BUS - A Standard CubeSat BUS for Annual Educational Satellite Project*
- 13:40~ Dennis Elgaard, GOMSPACE  
*GomSpace - Missions with multiple payloads*
- 14:00~ Andrew Kalman, Pumpkin, Inc.  
*Pumpkin Lean Satellite Engineering*
- 14:30~ Haley Doyle, Innovative Solutions In Space  
*CubeSat Vendor Perspective for Optimizing Platforms*
- 15:00~ Coffee break
- 15:20~ Nicola Sparvieri, GAUSS Srl  
*GAUSS activities in lean satellites interfaces*
- 15:50~ Daniel Rockberger, NSLCOMM  
*Integrating complex Payload to Bus provider Platform an Interface Challenge?*
- 16:20~ Chisato Kobayashi, AAC Clyde Space  
*TBD*
- 16:40~ Han Dapeng, School of Aerospace Engineering, Tsinghua University  
*A practical solution to power supplies for lean satellites*
- 17:00~ Mengu Cho, Kyushu Institute of Technology  
*Survey on CubeSat Interfaces*
- 18:00~ Reception at Tower's Dinner in Tokyo Tower

## Day 2 (Thursday, December 5, 2019)

- 9:20~ Makoto (Mac) Kanazawa, Space BD Inc.  
*Making "Access to Space" Easier by Commercial Driven Approach*
- 9:40~ Paolo Marzioli, Sapienza University of Rome  
*LED-based boards for optical CubeSat early identification and improved tracking*
- 10:00~ Wang Zhaokui, School of Aerospace Engineering, Tsinghua University  
*Latest progress of Q-sat: a Leansat for Sceintific and Education Purposes*
- 10:20~ Evelyn Honore-Livermore, Norwegian University of Science and Technology  
*HYPPO ? protecting the oceans*
- 10:40~ Coffee break
- 11:00~ Pooja Lepcha, Kyushu Institute of Technology  
*Development of Robust and Compact Low Cost Sensor Station for Remote Data collection using LoRa modulation*
- 11:20~ John Michael Bellardo, Cal Poly, San Luis Obispo  
*Standardization Opportunities for Protocols and Software*
- 11:50~ Fernando Stancato, Embraer  
*Electrical Cubesat interface issues and an industry investigation*
- 12:20~ Lunch
- 13:20~ Ji Hyun Park, ISEE, Nagoya University  
*High density common connector for extended connectivity in NUCube system bus*
- 13:50~ John Michael Bellardo, Cal Poly, San Luis Obispo  
*Benefits of a Unified Propulsion Standard for CubeSats*
- 14:20~ Cesar Bernal, ESA  
*SmallSats at ESA*
- 14:50~ Coffee break
- 15:10~ Free Discussion