

AGENDA

National Centre for Research and Development (Poland)

and

National Science and Technology Council (Taiwan)

11th Polish-Taiwanese Scientific Seminar on Aeronautical & Aerospace Technology

Date: Monday, 4th November 2024

Place: Warsaw Presidential Hotel (ex. Marriott), Warsaw al. Jerozolimskie 65/79, room Baltic I

8:00-8:30	Registration and coffee
8:30-8:50	Welcome Speeches: Mrs Bożena Lublińska-Kasprzak – Deputy Director of NCBR - TBC Ms Corinna Hu, Deputy Head of Office, Taipei Representative Office in Poland - TBC Prof. dr hab. inż. Cezary Szczepański - Institute of Aviation Łukasiewicz Research Network Prof. Chun-Liang Lin - Department of Electrical Engineering, National Chung Hsing University
8:50-9:00	12th NCBR-NSTC Call
9:00-11:10	Session 1 <ol style="list-style-type: none">1. Chun-Liang Lin, <i>General Introduction to Space and UAV Development in Taiwan</i>, National Chung Hsing University;2. Tadeusz Uhl, <i>Space Technology Center: from satellites launch to space data analysis</i>, AGH University of Science and Technology;3. Jyh-Ching Juang, <i>Lilium CubeSats for Smart Remote Sensing and Ku-Band Communication</i>, National Cheng Kung University;4. Piotr Grzybowski, <i>Common technologies for UAV and CubeSat system testing and prototyping</i>, Rzeszów University of Technology;5. Chi-Kuang Chao, <i>Space Science Payload Development in Taiwan</i>, National Central University;6. Robert Głębocki, <i>Drones and Rockets Control Systems</i>, Warsaw University of Technology;7. Fu-Yuen Hsiao, <i>The Development of Sounding Rockets at Tamkang University</i>, Tamkang University;8. Q&A
11:10-11:30	Coffee break
11:30-13:35	Session 2 <ol style="list-style-type: none">1. Cezary Szczepański, <i>GNSS-denied Navigation System for UAS</i>, Łukasiewicz Research Network – Institute of Aviation;2. Shau-Shiun Jan, <i>Embedded GNSS and Inertial Navigation System for Drone Application</i>, National Cheng Kung University;3. Piotr Ładziński, <i>Possibility of using the FLARIS LAR1 OPV jet aircraft for civil and military purposes</i>, Metal-master company;4. Huan-Jung Lin, <i>Research and achievements of Long-endurance Solar-powered Unmanned Aerial Vehicles</i>, National Formosa University;5. Piotr Gładysz, <i>Unmanned Aerial Vehicles in Crisis Situations</i>, Poznań University of Technology;

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	<ol style="list-style-type: none">6. Chien-Hung Yeh, <i>Application of Optical Communication technology for the Inter-Sattelite and UAV Link</i>, Feng Chia University;7. Agnieszka Gugala-Szczerbicka, <i>Applications and Integration of Image Processing Sensors with Heads for Special Purpose UAV</i>, Air Force Institute of Technology.8. Q&A
13:35-14:30	Lunch break
14:30-17:00	Match-making session for Polish and Taiwanese interested parties