

Space Sciences Committee Polish Academy of Sciences / Gdańsk Branch
in cooperation with
Baltic Sea & Space Cluster and Polish Space Agency (POLSA)
invite for conference:
Launch of the Polish Space Rocket
13th May 2021, Słupsk



Pomeranian Academy of Słupsk
ul. Krzysztofa Arciszewskiego 22A, 76-200 Słupsk

AGENDA

09.30-10.00 REGISTRATION

10.00-11.00 OPENING SESSION

chair: prof. Edmund Wittbrodt

Opening and welcome addresses:

Prof. **Edmund Wittbrodt** – President of Space Science Committee of Polish Academy of Sciences Gdansk Branch

Prof. **Zbigniew Osadowski** – Rector of Pomeranian Academy of Słupsk

Prof. **Grzegorz Wrochna** – President of the Polish Space Agency

Dr. **Magdalena Adamowicz** – Member of the European Parliament

Mrs. **Krystyna Danilecka-Wojewódzka** – Major of the Słupsk City

Prof. **Marek Grzybowski** – President of the Board, Baltic Sea & Space Cluster

1. Welcome by - Magdalena Adamowicz - Group of the European People's Party, European Parliament
2. Welcome by - Krystyna Danilecka - Wojewódzka - Major of the Słupsk City
3. Welcome by Prof. Marek Grzybowski, President of the Board, Baltic Sea & Space Cluster
4. Welcome by Zbigniew Osadowski - Rector of Pomeranian Academy of Słupsk

Contact:

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mgr Piotr Świnder, email: piotr.swinder@apsl.edu.pl

11.00-12.00 "YOUNG STARS" SESSION

chair: PhD Paweł Chyc

1. Joanna Muńska, *Artificial Intelligence (AI) Definition*, University of Business and Administration
2. Dorota Michalska-Sieniawska, *Legal aspects of Health Security related to the broadcasting of satellite signals*, University of Business and Administration/ Pomeranian Center of Human Rights, Gdańsk
3. Grzegorz Diemientiev, *The use of Remote Sensing Techniques in Environmental Protection*, Pomeranian Academy of Słupsk
4. Damian Stoltmann, Magdalena Pawlik, *Electronic Center for Sharing Oceanographic Data eCUDO.pl - generally available Baltic satellite data*, Pomeranian Academy of Słupsk
5. Mateusz Dyrda, *Rocket assisted robotics. New concept of rocket-based photogrammetry scanning device for autonomous ground vehicles support*, Robotic Association SKALP
6. Adam Labuhn, Julia Licbarska, Paweł Mering, *Mars Colony Hackathon Project Report*, University of Business and Administration Gdynia

12.00-12.40 SECURITY APPLICATION

chair: prof. Marek Grzybowski

1. Agata Sochaczewska, *„Cosmic” technology OptiNav and the security of cosmic mission*, Optical Navigation For Industry and Humans, Robots and Space (OptiNav Sp. z o.o.)
2. Zdzisław Długosz, PhD., *Critical infrastructure security in the space industries*, Director, Security and Safety Research Institute
3. Maciej Brzozowski, *SeaPort Safety and Security. Port Hamburg case study*, Port Hamburg Marketing
4. Krzysztof Szymichowski, *State energy security - diversification of oil supplies*, Security and Safety Research Institute

12.40-13.50 RESEARCH SESSION

chair: dr hab. Dariusz Ficek, prof. AP

1. Tomasz Zapadka, *Radiation budget of the Baltic Sea surface based on satellite data*, Pomeranian Academy of Słupsk
2. Małgorzata Polkowska, *Situational awareness in Space - aspects of law, politics and safety*, Academy of Art of War
3. Andrzej Urbanek, *Space Security: collision with the Autonomous Vehicles*, Pomeranian Academy of Słupsk
4. Maciej Nyka, Tomasz Bąkowski, *Land-Sea-Space intersection on the Maritime Spatial Planning Process*, University of Gdańsk

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5. Marcin Dornowski, Daria Bieńkowska, Magdalena Konopacka, *Mental Health in Professional Life According to Stress. Medical and Legal Issue*, Academy of Physical Education and Sport in Gdańsk/ Pomeranian Academy of Słupsk/ University of Business and Administration
6. Ryszard Kozłowski, *Homo Cosmicus - dilemmas, reality or fiction*, Pomeranian Academy in Słupsk
7. Zdzisław Brodecki, *Synergic Brain*, University of Business and Administration

13.50 – 14.20 DISCUSSION AND CLOSING SESSION

chair: prof. Edmund Wittbrodt

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