

Space Sciences Committee of the Polish Academy of Sciences Gdansk Branch
 Baltic Sea & Space Cluster
under the patronage of the
 Polish Space Agency
and

Faculty of Law and Administration of the University of Gdansk
Invite for the Conference

Maritime and Space Safety
 23rd September 2021, Gdansk

Faculty of Law and Administration
 Bażyńskiego 6, 80-309 Gdańsk, Auditorium C and Online via MS Teams

9:00–9:40 Opening Session

Prof. **Edmund Wittbrodt**, President of the Space Sciences Committee of the Polish Academy of Sciences of Gdansk Branch

Prof. **Piotr Stepnowski**, Rector of the University of Gdansk

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

Prof. **Marcin Michał Wiszowaty**, Deputy Dean for International Cooperation and Development of the Faculty of Law and Administration

Prof. **Adam Wiśniewski**, Chair of the Department of Public International Law of the Faculty of Law and Administration

Prof. **Marek Grzybowski**, President of the Baltic Sea & Space Cluster - *HUB of International Projects*

Emma Guillemot, EU project manager / Chargée de mission Europe Pôle Mer Méditerranée

GALATEA - Grow and Accelerate your smart projects in new value chains of the European Blue Economy

9:40–11:00 “Young Stars” Session, Chair Magdalena Konopacka Ph.D.

9:40–9:55 Kamil Muzyka M.A., Institute of Law Studies of the Polish Academy of Sciences
Retrofitting starships – patent protection in ISRU and OSAM operations

9:55–10:10 Agnieszka Elwertowska B.A., University of Business and Administration in Gdynia
Lunar missions on Earth

10:10–10:25 Piotr Betkowski M.A., University of Białystok
Safety of exploitation nuclear powered ships in maritime and space area

10:25–10:40 Lt. Łukasz Grzyb M.A., Polish Naval Academy of the Heroes of Westerplatte
Safety of offshore wind farms based on the use of unmanned aerial vehicles

10:40–11:00 Discussion

- 11:00–12:35 Maritime and Space Safety Experts Session**, Chair Prof. Marek Grzybowski
- 11:00–11:15 Justyna Bartnicka M.A., Directorate-General for Mobility and Transport of the European Commission
Is Covid-19 impact on seafarers challenging safety at sea?
- 11:15–11:30 Marek Narewski M.Sc., PRS Rules Development Department
Risk minimisation in new technologies implementation as seen from classification society perspective
- 11:30–11:45 Maciej Brzozowski M.Sc., Port of Hamburg Representative Office in Poland
SeaPort safety and security. Port Hamburg case study
- 11:45–12:00 Michał Świeczkowski M.A., Security and Monitoring Department of the Port of Gdynia
Evolution of the approach to the issue of safety & security on the example of the Port of Gdynia
- 12:00–12:15 Maciej Kniter M.A., Flint Systems
VR training simulators improving security of port operations
- 12:15–12:35 Discussion
- 12:35:13:05 Coffee Break**
- 13:05–15:25 Maritime and Space Safety Research Session**, Chair Paweł Kwiatkowski Ph.D.
- 13:05–13:20 Prof. Małgorzata Polkowska, War Studies University
Space safety and security challenges. Selected legal aspects
- 13:20–13:35 Prof. Maciej Nyka, University of Gdańsk
Outer Space Sustainability – in search for axiological foundations for safe exploration and exploitation of celestial resources
- 13:35–13:50 Prof. Stefan Marek Grochalski, Paweł Szewczyk Ph.D., Opole University
Principles of the owner and operator's liability for damage caused by a space object registered in the Polish Register of Objects Launched into Outer Space
- 13:50–14:05 Prof. Mirosława Ostrowska, Prof. Mirosław Darecki, Joanna Stoń Egiert Ph.D., Marcin Wichorowski M.E., Institute of Oceanology of the Polish Academy of Sciences
SatBałtyk System – satellites for the safety of the Baltic Sea
- 14:05–14:20 Paweł Chyc Ph.D., University of Business and Administration in Gdynia
Freedoms of the seas and outer space
- 14:20–14:35 Barbara Stępień Ph.D., Jagiellonian University
Maritime Autonomous Surface Ships (Mass) and maritime safety in times of pandemic
- 14:35–14:50 Joanna Jurga Ph.D., University of Social Sciences and Humanities
Sense of security in space
- 14:50–15:05 Prof. Alla Pozdnakova, University of Oslo and Magdalena Konopacka Ph.D., University of Business and Administration in Gdynia
Space technologies in Sustainable Blue Economy. Norwegian and Polish perspectives
- 15:05–15:25 Final Discussion**