



XIII International Scientific Conference on:

DEVELOPMENT TRENDS IN SPACE PROPULSION SYSTEMS

THRUSTING TOWARDS TOMORROW:
EXPLORING NEW SPACE PROPULSION

5th-6th December 2024

AGENDA

Day 1

09:30	Registration and morning cup of coffee
10:00	Welcome to Space Trends! Conference opening Łukasiewicz Research Network – Institute of Aviation representatives Warsaw University of Technology representatives Polish Space Agency representatives
10:20	Introduction speech: "Green propulsion: from AMBER Rocket to orbital operations" – Director of Space Technologies Center Ph.D. Eng. Adam Okniński
10:45	Keynote Speech
11:15	Coffee break
11:45	Panel Discussion 1: How we do it. Technical challenges in development of green space propulsion. Environmental impact versus costs and availability. Industry Case studies
13:15	Lunch
14:15	Panel Discussion 2: Bringing new space propulsion solutions to the market. Cost implications and feasibility for large-scale adoption
15:00	OPENING CEREMONY: New Laboratory of Rotating Detonation Propulsion
15:30-17:00	Space Technology Laboratory Tour Discover the Institute's Labs including vacuum propulsion hotfire facility
20:00	Gala Dinner. Tribute to the late Prof Wolanski

Day 2

08:30	Registration and morning cup of coffee
09:00	Keynote Speech 2
09:30	Technical Session 1 "Green Propulsion"
11:00	Coffee Break
11:20	Panel Discussion 3 "Space propulsion beyond LEO – opportunities for Europe"
12:20	Technical Session 2 "Green Propulsion 2"
13:20	Lunch
14:20	Technical Session 3 "Future Propulsion Systems"
15:40	Conference Conclusion and Conference Awards
16:00	End of the Event