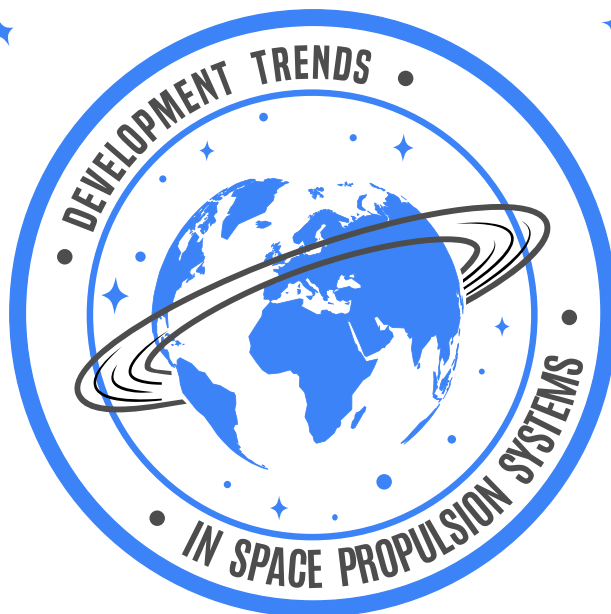




Faculty of Power  
and Aeronautical Engineering  
Warsaw University of Technology



Łukasiewicz  
Institute of Aviation



XIII International Scientific Conference on:

# DEVELOPMENT TRENDS IN SPACE PROPULSION SYSTEMS

THRUSTING TOWARDS TOMORROW:  
EXPLORING NEW SPACE PROPULSION

5<sup>th</sup> - 6<sup>th</sup> December 2024

Honorary Patronage



[www.spacetrends.pl](http://www.spacetrends.pl)

**The event will be held in stationary mode  
at the Łukasiewicz Research Network – Institute of Aviation.**

**The conference is addressed to scientists, researchers  
and industry representatives involved in the development  
of space technologies.**

## **CONFERENCE MAIN TOPICS:**

- Space propulsion systems (including solid, liquid and hybrid rocket engines and motors, space electric propulsion, components and system level considerations).
- Green propellants (including development, handling, testing and utilization of environmentally friendly propellants).
- Numerical modeling of rocket engines and motors.
- Propulsion systems for suborbital and orbital vehicles, small satellites, large spacecraft platforms and exploration missions.
- Test facilities for rocket engines, assembly, integration and verification of infrastructure for rocket and spacecraft propulsion.
- Other topics related to space propulsion design, development or applications.

**The conference forum is a perfect place to get familiar  
with ongoing projects and state-of-the-art achievements in Polish  
and international space industry. It is also a great opportunity  
for students and young scientists to promote their research,  
ideas and achievements and to meet more experienced researchers.**

**We have the great pleasure of inviting you to propose  
one or more papers in any of the categories scheduled  
for the different main topics of the Conference.  
We are looking forward to seeing you at the conference!**

**More information regarding the conference  
will be available at:**

**[www.spacetrends.pl](http://www.spacetrends.pl)**

## **Organizing Committee Chair:**

### **Professor Jan Kindracki**

Warsaw University of Technology  
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## **Scientific Committee:**

- **Professor Jan Kindracki**, Warsaw University of Technology
- **Professor Robert Głębocki**, Warsaw University of Technology
- **Łukasz Mężyk, PhD Eng.**, Warsaw University of Technology
- **Łukasz Kapusta, PhD Eng.**, Warsaw University of Technology
- **Zbigniew Gut, PhD Eng.**, Łukasiewicz Research Network – Institute of Aviation
- **Paweł Surmacz, PhD Eng.**, Łukasiewicz Research Network – Institute of Aviation
- **Dominik Kublik, PhD Eng.**, Łukasiewicz Research Network – Institute of Aviation
- **Adam Okniński, PhD Eng.**, Łukasiewicz Research Network – Institute of Aviation
- **Ferran Valencia Bel, PhD** – European Space Agency
- **Oskar Haidn, Professor Dr.-Ing.**, Technische Universität München
- **Mirko Gamba**, Associate Professor, Michigan Aerospace Engineering
- **Bing Wang, Professor PhD**, School of Aerospace Engineering  
– Tsinghua University

## **Technical Committee:**

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- **Przemysław Woźniak**, Warsaw University of Technology
- **Sylwia Kozłowska**, Warsaw University of Technology
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- **Iwona Przygoda**, Łukasiewicz Research Network – Institute of Aviation
- **Aneta Olejniczak**, Łukasiewicz Research Network – Institute of Aviation
- **Ada Galińska**, Łukasiewicz Research Network – Institute of Aviation
- **Anna Prekiel**, Łukasiewicz Research Network – Institute of Aviation

### Important dates:

Abstract Submission Begins	04.04.2024
Registration Begins	04.04.2024
<b>Abstract Deadline</b>	<b>31.08.2024</b>
Registration Deadline	31.10.2024
Presentation Submission Begins	01.10.2024
Presentation Deadline	17.11.2024
<b>Conference</b>	<b>05-06.12.2024</b>

### Fees and dates:

	Early Bird fee until July 31st, 2024	Late fee from August 1st, 2024
<b>Participation in Conference</b>	600 PLN*/140 Euro /per person	800 PLN*/185 Euro /per person
<b>Participation in Conference + Event dinner</b>	1000 PLN*/230 Euro /per person	1200 PLN*/270 Euro /per person
<b>Conference fee for students**</b>	400 PLN*/100 Euro /per person	600 PLN*/140 Euro /per person

\*Fee includes VAT

\*Fee includes:

- Participation in sessions.
- Certificate of participation (in pdf).
- Coffee breaks and lunches.

\*\* During the conference students

will be required to show their valid student card.

\* Fee does not include accommodation  
and travel costs.

Participants book and pay for accommodation and travel costs on their own.  
The ultimate condition for participation in the Conference is payment  
of the fee by 25th of November 2024.

### Organizing Committee Contact:

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