

International Scientific Conference “Robotics and Mechatronics 2025”

05 – 06. 11. 2025

Max Planck Hall, Institute of Robotics - BAS,
Sofia 1113, Acad. Georgi Bonchev St., bl. 2

In implementation of financing agreement No. PVU-44 of 05.12.2024 under project No. BG-RRP-2.017-0011 “Eco-friendly collaborative robots powered by green hydrogen” under the Recovery and Resilience Facility for the implementation of an investment under C2I2 “Enhancing the innovation capacity of the Bulgarian Academy of Sciences (BAS) in the field of green and digital technologies” from the Recovery and Resilience Plan.

CALL FOR PARTICIPATION

THEMATIC AREAS:

ROBOTICS

- ◆ Service Robots
- ◆ Educational Robots
- ◆ Mobile Robots
- ◆ Personal Robots
- ◆ Entertainment and Hobby Robots
- ◆ Industrial Robots
- ◆ Robot Control
- ◆ Sensors

MECHATRONICS

- ◆ Green and Eco-technologies
- ◆ Energy Systems and Devices
- ◆ Bioengineering
- ◆ Digital Technologies
- ◆ Quantum Communications

REGISTRATION FORM

The attached form should be completed and sent to the Organizing Committee of the International Scientific Conference “Robotics and Mechatronics 2025”
by e-mail: nvalchkova@robotics.bg

Last name

First name

Academic title: Prof. ☐ Assoc. ☐ Chief Assistant ☐ Assistant ☐

Academic degree: Doctor of Science ☐ Ph.D. ☐

Field/department

Institute/Company

Address:

Phone:E-mail:@.....

I will participate with a report: YES ☐ NO ☐

I will participate in person ☐ or online ☐

Name of the report:

International Scientific Conference “Robotics and Mechatronics 2025”

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The conference is under the honorary patronage of
Academician Chavdar RUMENIN

ORGANIZING COMMITTEE:

CHAIRMAN: Assoc. Prof. Nina Valchkova, PhD

MEMBERS:

Chief Assistant Prof. Georgi Angelov

PhD Chief Assistant Prof. Yassen Paunski

PhD Assistant Prof. Iskren Varbanov

The conference proceedings will be published:

- in Bulgarian and English on the conference website and in a collection of reports (print);
- in English in the online version of the journal Complex Control Systems

EDITORIAL TEAM

Editor-in-chief: Prof. Roman Zahariev, IR-BAS

Members:

Prof. Dr. Avgust Ivanov - IR-BAS

Prof. Dr. Maya Dimitrova - IR-BAS

Assoc. Prof. Dr. Nina Valchkova - IR-BAS

Assoc. Prof. Alexander Krastev, PhD - IR-BAS

Chief Assistant Prof. Georgi Angelov, PhD

Chief Assistant Prof. Yassen Paunski

The template for the reports is available on the conference website: <https://robomed.bg>

Contact: E-mail: nvalchkova@robotics.bg

WORK PROGRAM:

November 5, 2025

10:00 - 10:30 Registration
10:30 - 11:00 Opening of the International
Scientific Conference “ROBOTICS AND ME-
CHATRONICS 2025”
11:00 - 11:20 Plenary report: “Green and
energy-efficient technologies in robotics”
11:20 - 11:40 Coffee break
11:40 - 13:30 Plenary reports
13:30 - 14:30 Lunch cocktail
14:30 - 15:45 Reports
15:45 - 16:00 Coffee break
16:00 - 17:15 Presentations

WORK PROGRAM:

November 6, 2025

10:30 - 11:15 Reports
11:15 - 11:30 Coffee break
11:30 - 13:30 Discussion on “Green and energy-
efficient technologies in robotics”
13:30 - Closing

• **Deadline for registration and submission of
abstracts: October 6, 2025**

• **Submission of reports: October 20, 2025**

• **Registration and opening of the conference:
November 5, 2025, at 10:00 a.m.**

**PARTICIPATION IN THE CONFERENCE IS FREE OF
CHARGE!**

Contact: Assoc. Prof. Nina VALCHKOVA, IR-BAS