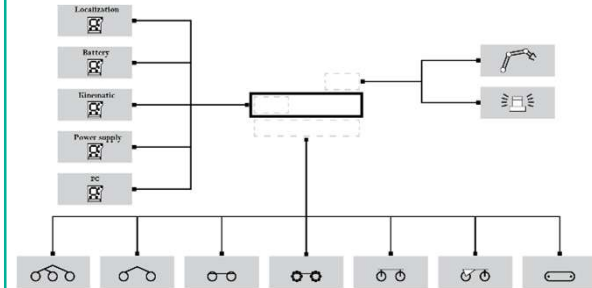


RAPTORS (Poland, Lodz University of Technology)



Development point

Easily assembled robots based on modules compatible with ROS 1/2. The team is especially proud of their universal energy management system with energy consumption prediction and battery swapping.



Introduction of your team

Inspiration, motivation to form a team]

Robotics is hard, yet rewarding and fun, especially when you share this experience with others. Great minds think alike and so do our ambitious students, who work together to make their idea real.

Future outlook]

Improve and prepare the energy management module to work with group of heterogeneous robots.

Role	Name	Affiliation/Title	Specialty, Field of study
Team leader	Mateusz Kujawiński	Lodz University of Technology (TUL), Institute of Automatic Control, PhD student	Energy, Robotic and Automatic Control
Mentor, 2nd Team lead	Grzegorz Granosik	TUL, Institute of Automatic Control, associate professor	Control, Robotic and Automatic Control
Mechanic	Łukasz Kędzierski	TUL, Institute of Automatic Control, MSc student	Mechanical Engineering
Electronic	Adrianna Rosiak	TUL, Institute of Automatic Control, BSc student	Robotic and Automatic Control
ROS	Ewelina Rosiak	TUL, Institute of Automatic Control, BSc student	Robotic and Automatic Control
Electronic	Radosław Marciniak	TUL, Institute of Automatic Control, BSc student	Robotic and Automatic Control
UAV operator	Damian Szewczyk	TUL, Institute of Automatic Control, BSc student	Robotic and Automatic Control
ROS	Agnieszka Pukacz	TUL, Institute of Automatic Control, BSc student	Robotic and Automatic Control
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HP etc.

<http://raptors.p.lodz.pl>