

Hamed Jabbari Asl

Department of Electrical and Electronics Engineering,
Izmir Institute of Technology,
Izmir, Turkey

E-mails: hamedjabbariasl@iyte.edu.tr,
hjabbariasl@gmail.com
Tel.: +90-232-750-6528

ACADEMIC EXPERIENCE

- **Izmir Institute of Technology** Izmir, Turkey
Assistant Professor Aug. 2026 – present
- **Urmia University of Technology** Urmia, Iran
Assistant Professor Oct. 2025 – Jul. 2026
- **Advanced Telecommunications Research Institute International (ATR)** Kyoto, Japan
Research Associate Apr. 2021–Jul. 2025
- **Toyota Technological Institute** Nagoya, Japan
Commissioned Scientist, Postdoctoral Fellow Sep. 2016 – Mar. 2021
- **Gyeongsang National University** Jinju, South Korea
Postdoctoral Fellow Feb. 2015 – Sep. 2016

EDUCATION

- **Iran University of Science and Technology** Tehran, Iran
Ph.D. in Electrical Engineering 2008 – 2013
- **Sapienza University of Rome** Rome, Italy
Exchange Ph.D. program (6 months) 2011 – 2012
- **University of Tabriz** Tabriz, Iran
M.Sc. in Electrical Engineering 2005 – 2007
- **Tabriz University of Technology** Tabriz, Iran
B.Sc. in Biomedical Engineering 2001 – 2005

THESES

- **Ph.D. Thesis:** Vision-Based Control of Quadrotor Helicopter, 2013
- **M.Sc. Thesis:** Visual Servoing Control of Robotic Manipulators, 2007
- **B.Sc. Thesis:** Design of Programmable Scrolling Table, 2005

RESEARCH INTERESTS

- Forward and Inverse Reinforcement Learning, Deep Learning Applications
- Robotics: Robot-Aided Rehabilitation, Vision-Based Control, Multi-Agent Systems
- Nonlinear Control Applications: Adaptive and Robust Control

HONORS AND AWARDS

- KAKENHI Grant (C), Japan Society for the Promotion of Science (JSPS), **2025**.
- Toyota Scholarship Fund: Research Encouragement Award, **2019**.
- Ministry of Science Scholarship for Visiting Scholars, Sapienza University of Rome, Italy, **2011**.
- Selected as an outstanding Ph.D. student at the Iran University of Science and Technology, **2010**.
- Ranked among the top 0.4% of more than 450,000 participants in the Iranian National University Entrance Examination, **2000**.

TEACHING EXPERIENCES

- *System Identification*; Urmia University of Technology, Iran, 2026
- *Robotics*; Urmia University of Technology, Iran, 2025
- *Advanced Robot Control*; Gyeongsang National University, Korea, 2016
- *Linear Control Systems*; Payame Noor University, Iran, 2014
- *Control Systems Laboratory instructor*; Iran University of Science and Technology, Iran, 2010

JOURNAL/CONFERENCE REVIEWER/SERVICES

- | | |
|--|---|
| • IEEE Trans. on Robotics | • Renewable Energy |
| • IEEE Trans. on Industrial Electronics | • Journal of Systems and Control Engineering |
| • IEEE Trans. on Mechatronics | • ASME Journal of Dyn. Sys., Meas. and Control |
| • IEEE Trans. on Automation Science and Engin. | • Robotics and Autonomous Systems |
| • IEEE Trans. on Cybernetics | • Microsystem Technologies |
| • IEEE Trans. on Industrial Informatics | • Automatisierungstechnik |
| • IEEE Trans. on Systems, Man and Cyb.: Systems | • American Control Conference (ACC) |
| • IEEE Trans. on Aerospace Electronic Systems | • IEEE Int. Conf. Robotics and Auto. (ICRA) |
| • IEEE Trans. on Energy Conversion | • IEEE Int. Conf. Intel. Rob. and Sys (IROS) |
| • IET Control Theory & Applications | • IEEE Int. Conf. Advanced Intel. Mech. (AIM) |
| • The International Journal of Robotics Research | • Guest editor: Mathematical Problems in Engineering |
| • Neural Networks | • Session chair, IEEE Int. Conf. Robotics and Biomimetics (ROBIO), 2017 |
| • Journal of The Franklin Institute | • Session co-chair, The 2017 American Control Conference (ACC), 2017 |
| • Journal of Field Robotics | • Session co-chair, IEEE Int. Conf. Advanced Intel. Mech. (AIM), 2015 |
| • Nonlinear Dynamics | |
| • Mechanical Systems and Signal Processing | |
| • Trans. of the Institute of Meas. and Control | |

PATENTS

- パワアシスト装置, Patent publication number: 2021-013962
- パワアシスト装置, Patent publication number: 2020-040151
- パワアシスト装置, Patent number: 6947613 (P6947613), application date: Nov., **2017**.