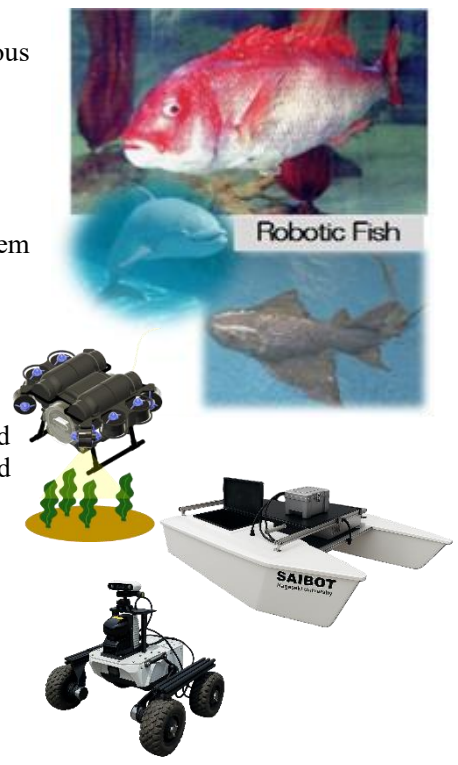


Name YAMAMOTO Ikuo	Job Title Professor	Area of Expertise Robotics, System Engineering, Dynamics & Control
1. Main Research Topics ① Robotics Offshore, Onshore, Aerospace, Medical robotics with autonomous function have been developed. ② Offshore energy Total technologies for practical renewable offshore energy system such as offshore wind have been developed. ③ Civil infrastructure Robotic systems for assessing the degradation of civil and industrial infrastructure, including bridges, tunnels, roads, and plants have been developed. 		
2. Keywords Robotics, Offshore energy, Infrastructure inspection robot		
3. Remarks and Websites 2025 IEEE/IFAC GOLD BEST PAPER AWARD at the ICCAD'25 (Development of Land Robot), 2005 Archipelago award, France (Bio-Manoeuvring Type Underwater Vehicle), The world record of autonomous underwater vehicle cruising 317km by Urashima from Feb.26-28,2005. MARIN CONTROL SYSTEMS, IFAC International Journal Robust and Nonlinear Control, Vol.11, No.13, 2001, Wiley. Practical Robotics and Mechatronics, Marine, Space and Medical Applications, ISBN978-4-320-08186-4, ISBN978-4-320-08191-8, IET. Red Tide Monitoring, Smart Fisheries, pp.136-137, Midori Shobo, ISBN978-4-89531-885-3, 2023 researchmap: https://researchmap.jp/iyamamoto_nu Laboratory: https://robotics-mech-nagasaki-univ.conohawing.com/ Offshore Technology R&D Innovation Center HP: https://sites.google.com/view/otic-nagasaki-u		