

Xiaobo Tan

Foundation Professor of Electrical and Computer Engineering at Michigan State University

East Lansing, MI, US

Expert in robotic fish, mobile sensing in aquatic environments

Description

Electroactive polymer sensors and actuators, biomimetic robotic fish, mobile sensing in aquatic environments, control of autonomous robotic swarms, modeling and control of hysteresis, embedded control systems.

Industry Expertise

Education/Learning, Research, Biotechnology, Computer Software

Topics

Mechanical Engineering, Computer Engineering, Latex, Simulations, Robotics, Matlab

Affiliations

Education

University of Maryland

Ph.D.

Tsinghua University

M.E.

Tsinghua University

B.E.

Accomplishments

Career Award

Awarded by the National Science Foundation

Teacher-Scholar Award

Awarded by MSU

Best Mechatronics Paper Award

Awarded by the American Society of Mechanical Engineers, Dynamic Systems & Control Division

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