

**报告标题:** 多稳态机构的可编程无源连续机械计算

**报告摘要:**

随着材料科学、制造工艺的进步，物理智能、机械智能受到越来越多的关注，本报告围绕机械智能的概念、分级、前沿进展等进行叙述。

**报告人简介:** 蒲华燕，国家杰出青年科学基金获得者、中国青年科技奖获得者。重庆大学二级教授，博导、重庆大学机器人研究所所长、国家海洋环境与岛礁可持续发展重点专项总体专家组专家。主要从事传动系统动力学、减振降噪、智能无人系统单体和群体智能研究。

**Presentation Topic:** Programmable passive continuous mechanical computation with multistable mechanisms

**Abstract:** With advancements in materials science and manufacturing processes, physical intelligence and mechanical intelligence have garnered increasing attention. This report elaborates on the concepts, classifications, and cutting-edge developments of mechanical intelligence.

**Speaker's profile:** Pu Huayan, recipient of the National Science Foundation for Distinguished Young Scholars and the China Youth Science and Technology Award. She is a Professor and a Doctoral Supervisor at Chongqing University, serving as the Director of the Institute of Robotics, Chongqing University. She is one of the overall expert group of the National Key Special Project on Marine Environment and Sustainable Development of Islands and Reefs. Her research interest mainly focus on transmission system dynamics, vibration and noise reduction, as well as individual and swarm intelligence of intelligent unmanned systems.