



报告题目：汽车制造中的机器人智能作业技术

报告人简介：崔国华，工学博士，博士研究生导师，上海工程技术大学汽车工程学院、智能机器人研发中心教授。全国紧固件标准化技术委员会（SAC/TC 85）委员、中国工程机械学会特大型工程运输车辆分会理事等。

报告摘要：面向汽车制造、检测等服役环境的机器人化装备的高能效设计、多目标尺度综合、运动学与动力学性能及可靠性分析研究，汽车制造中的机器人搅拌摩擦焊关键技术、汽车人机交互部件的机器人检测关键技术研究等。

Topic: Robot intelligent operation technology in automobile manufacturing

Speaker: Cui Guohua, Ph. D. Professor of College of automotive engineering and Intelligent robot research center, Shanghai University of Engineering Science.

Abstract: High energy efficiency design, multi-objective scale synthesis, kinematic and dynamic performance and reliability analysis of robotics equipment for vehicle manufacturing and testing environment. Key technologies of robot friction stir welding in automobile manufacturing, and key technologies of robot detection for vehicle human-machine interaction components.