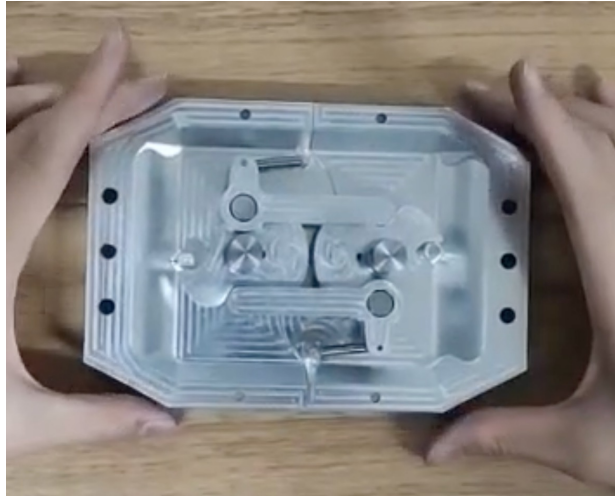
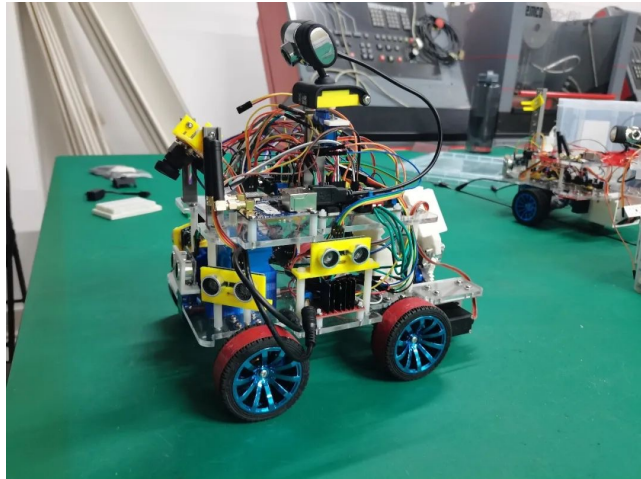


Some fun projects

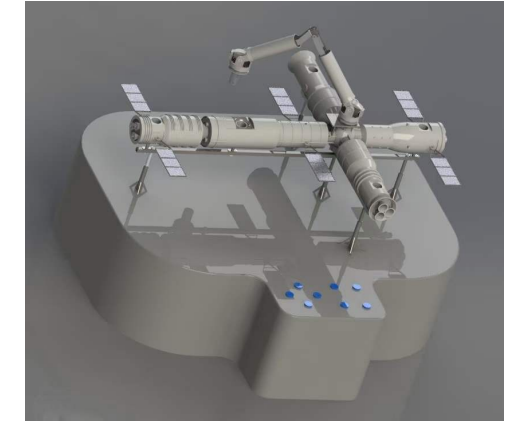


Train coupler



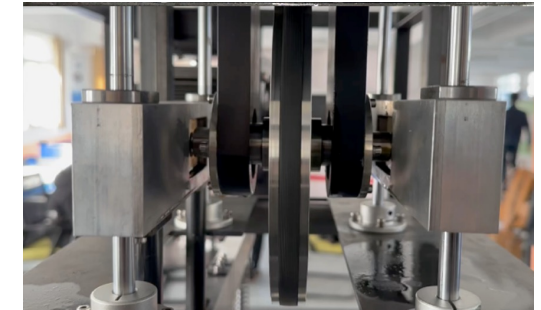
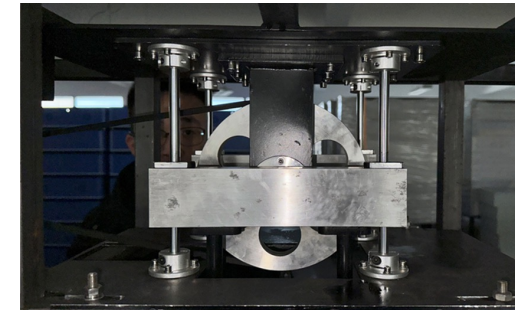
Autonomous tracking and obstacle avoidance car

Display at the China Science and Technology Museum



Space Station Robotic Arm Model for Science Popularization

J. Yang, Q. Wu, Z Xu, Z. Ning, F. Meng, **S. Yao**, Y. Liu, S. Pan, Science Popularization Display Device for The Principle of Space Station Robotic Arm, CN Patent 202222928298.5. Mar 24, 2023.



Science Popularization Device that Displays Vibration Phenomena

Y. Liu, J. Yang, Z. Guo, **S. Yao**, J. Xiang, B. Luo, S. Ruan, Science popularization exhibits used to showcase vibration phenomena and vibration influencing factors, CN Patent 2023235678170, Jul 23, 2024.