



IEEE IROS 2020

Workshop

"Robots Building Robots" ***Digital Manufacturing and Human-centered Automation for Building Consumer Robots***

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Teaching Robots in the Home

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In this talk, we present the latest research work from the Toyota Research Institute on robotic assistance in the home. Motivated by the growing problem of an ageing society, a mobile manipulator robot is demonstrated that can be easily taught by human demonstration in virtual reality to achieve complex tasks. We show our latest results of real tasks executed in various homes around the Bay area and discuss the future of where Toyota is headed with this research.