YOSHIOKA LAB.

Controlled Precision Machining

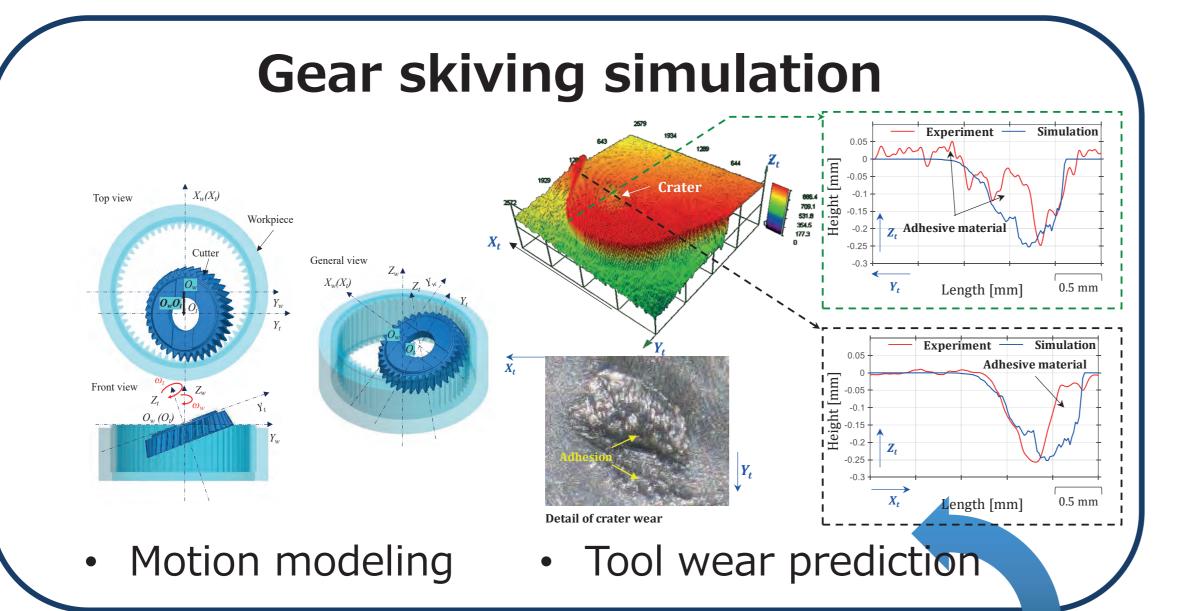


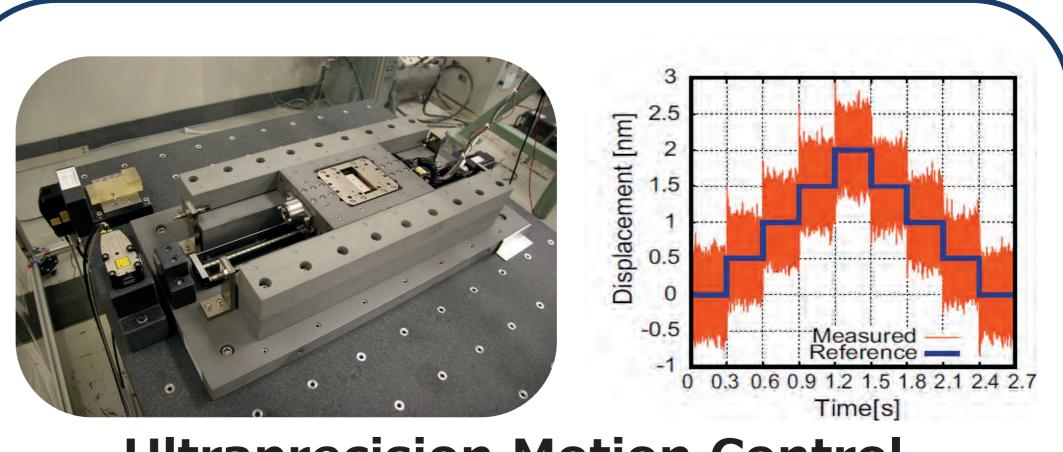
Department of Mechanical and Biofunctional Systems

Production Engineering Department of Mechanical Engineering, Graduate School of Engineering

https://yoshioka-lab.iis.u-tokyo.ac.jp/

- Realization of Advanced Machining Technology
- Control of Machining Factors nearby Machining Point

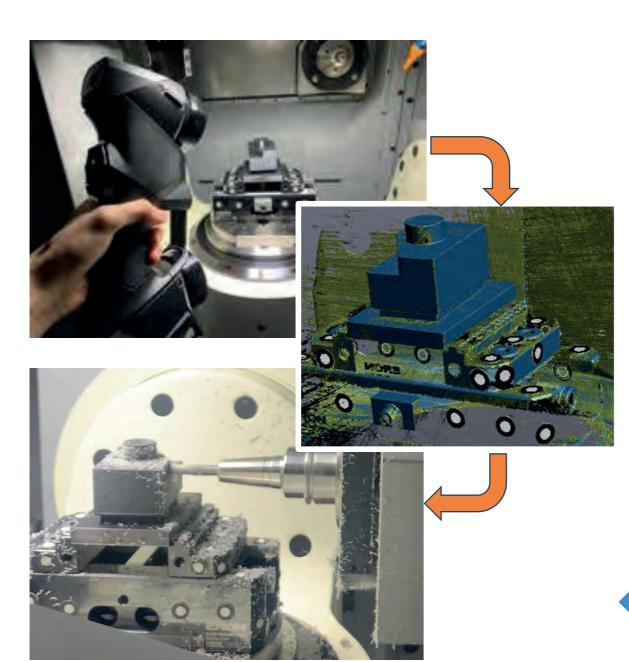




Ultraprecision Motion Control

- Nanometer position
- Ideal Mechanical Structure

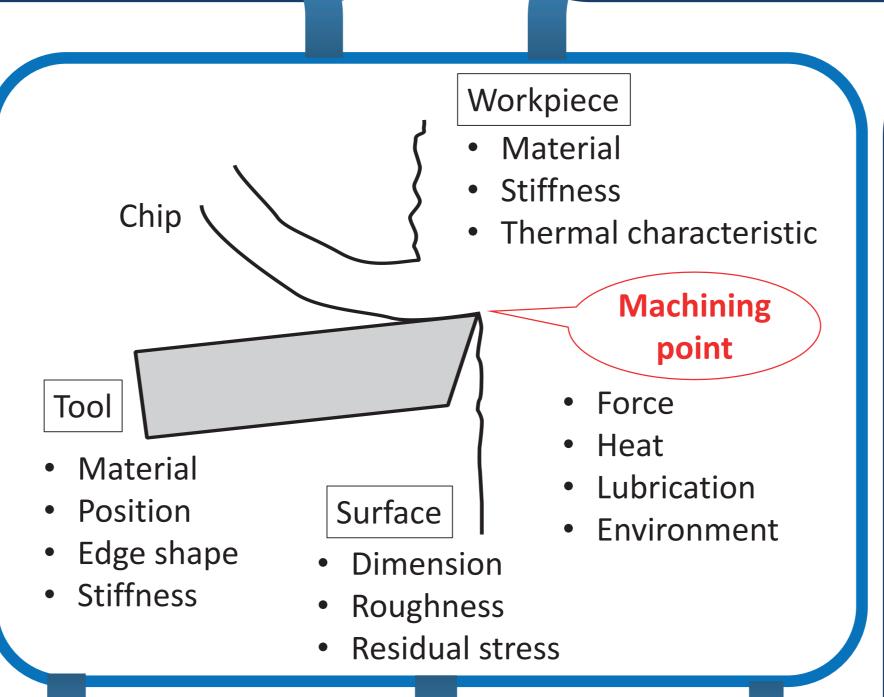
Flexible machining system



- Non-specialized jig machining
- Automated production systems

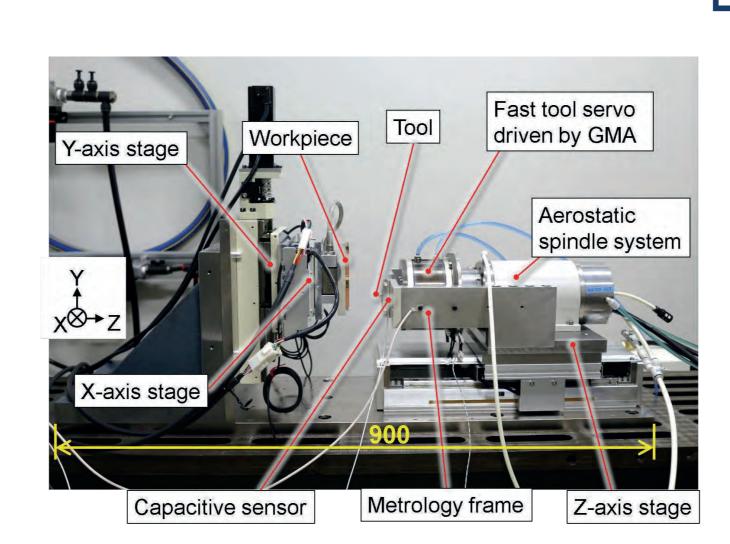


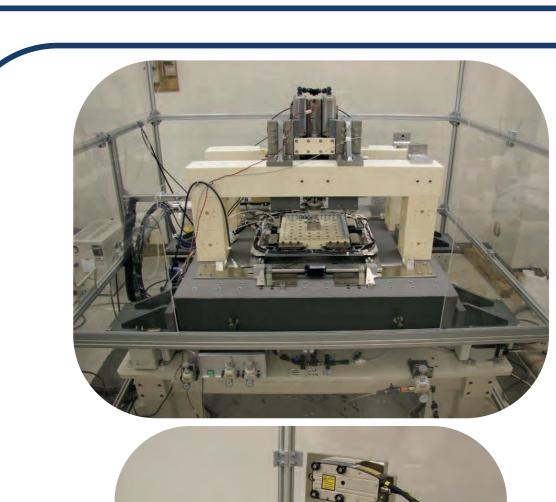
- Scheduling optimization
- Quantum Annealing
 Computation

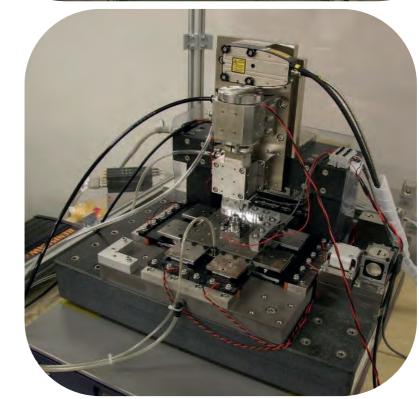


Fast Tool Servo for Milling process

- Axial Positioning of Cutting Tool
- Texturing on Curved Surface







Ultraprecision Machining System

- Multi- axis nanometer positioning
- High Stable Mechanical Structure

