

## Food Manipulation Competition Trials\*

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This video introduces two trials of food manipulation competition. The presenter organized food arrangement competition and wine pouring competition in my laboratory. In food arrangement competition, each team will drive a manipulator to pick food samples on the table and place them into a neighboring container. Each team designed a robotic hand attached to the manipulator and program the motion of the manipulator. The winner succeeded picking seven samples out of ten. In wine pouring competition, each team will drive a manipulator to pour the beads, which substitute for wine, into a glass fixed on the table. Each team will perform hand design and motion programming. The presenter obtained many issues to be tackled in the future competitions.

Website of the forum:

<https://sites.google.com/view/robotcook20/>

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