

OS16: Vortex Motion

November 9, 2022

EX-4-A

- OS16-1 **Laminarization of Three-Dimensional Boundary Layer by**
17:30-17:50 **Artificially-Sustained Crossflow Vortices**
Makoto Hirota (Tohoku University, Japan), Yuki Ide (Japan Aerospace
Exploration Agency, Japan), Yuji Hattori (Tohoku University, Japan)
- OS16-2 **Velocity Structure of a Vortex and Derived Vortex Stretching in a**
17:50-18:10 **Homogeneous Isotropic Turbulence**
Katsuyuki Nakayama (Aichi Institute of Technology, Japan)
- OS16-3 **Compact Nambu Brackets for Fluid and MHD Equations**
18:10-18:30 Yasuhide Fukumoto (Kyushu University, Japan), Rong Zou (University of
Hawai'i at Mānoa, USA)
- OS16-4 **Nonlinear Dynamics of Two Interlaced Helical Vortices: Theory and DNS**
18:30-18:50 Ivan Delbende, Maurice Rossi (Sorbonne Université, France), Can Selçuk
(Université Gustave Eiffel, France)