



PLADyS International Seminar

Dates: May 19th, 26th, June 9th, 16th, Wednesday, 2021

Time: 7:00-8:00 (CDT), 14:00-15:00 (CEST), 20:00-21:00 (CST), 21:00-22:00 (JST)

Venue: Zoom online

May 19th (Wed), 2021

Chair: K. Nagasaki

Opening address K. Nagasaki, Kyoto Univ. Japan

“Isotope effect on electron internal transport barrier and role of radial electric field”

T. Kobayashi, NIFS, Japan

“Observation of spatiotemporal dynamics of multiple instabilities in linear magnetized plasma using conditional sampling techniques”

Y. Kawachi, Kyushu Univ., Japan

May 26th (Wed), 2021

Chair: D. Anderson

"Improving Energetic Particle Confinement in Stellarators"

A. Bader, Univ. Wisconsin-Madison, U.S.A.

“TEM turbulence in simulation and experiment with and without quasi-symmetry in the HSX stellarator”

J. Smoniewski, Univ. Wisconsin-Madison, U.S.A.

June 9th (Wed), 2021

Chair: Y. Xu

"Suppression of Pseudo Symmetric Field Induced α -particle Loss Channels in a Quasi-axisymmetric Stellarator"

H. Liu, SWJTU, China

"Three-dimensional equilibrium with magnetic islands and MHD instabilities in the CFQS quasi-axisymmetric stellarator"

X. Wang, SWJTU, China

June 16th (Wed), 2021

Chair: T. Klinger

"Heat transport in stellarators: A zero sum game?"

F. Warmer, IPP, Greifswald, Germany

"Turbulent Transport and Plasma Profiles in the Island Divertor SOL of W7-X"

Y. Narbutt, IPP, Greifswald, Germany