

# Student Fest by SGU-PG

June 12 (Mon.)

Koshiba Hall, School of Science Building#1

Time Schedule	Name	Affiliation (UTokyo)	Home Institution	Title
9:40-9:50	Prof. Tetsuya Ishida	Graduate School of Engineering		opening remarks
9:50-10:00	Prof. Michel Gonin	ILANCE/CNRS	IN2P3/Ecole Polytechnique	ILANCE
10:00-10:15	Yona Lapeyre	ILANCE/Kavli IPMU	Ecole Normale Lyon	Where does the intrinsic alignment of galaxies stem from? An answer through reconstructive simulations
10:15-10:30	Aliénor Goubault-Larrecq	Graduate School of Mathematical Sciences	ENS de Lyon	My exchange program at the University of Tokyo
10:30-10:45	Kaho Morii	Graduate School of Science		Unveiling Hidden Stellar Seeds by Radio Observations
10:45-11:00	Lucas Jacquier	ILANCE/Institute for Cosmic Ray Research	Ecole Polytechnique	Deep learning for the characterization of neutrino events in Hyper Kamiokande
11:00-11:15	Xiangyu Zhu	Institute of Industrial Science		Electron Cooling/Heating in Semiconductor Heterostructures
11:15-11:30	Maïa Pécastaings	Research Center for Advanced Science and Technology	Ecole Polytechnique	Simulation of quantum dot solar cells with light trapping
11:30-11:45	Mouad Gnaoui	ILANCE/Graduate School of Science	Ecole Polytechnique	Studying High redshift Quiescent Galaxies
11:45-12:00	Valentin C. Perez	ILANCE/Kavli IPMU	Ecole Polytechnique	On brane inflation after Litebird
12:00-13:15	lunch break			

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13:15-13:30	Hinata Takidera	Graduate School of Science		Current status of Dark matter Axion search with riNg Cavity Experiment (DANCE)
13:30-13:45	Kanako Narita	Graduate School of Science		Looking into invisible Galactic molecular gas in absorption against bright QSOs
13:45-14:00	Joseph Muller	Graduate School of Mathematical Sciences	Université Sorbonne Paris Nord	Exploring arithmetic geometry from France to Tokyo
14:00-14:15	Albert Bonnefous	ILANCE/Kavli IPMU	Ecole Normale Lyon	Using machine learning to infer cosmological velocity field
14:15-14:30	Thomas Leplumey	ILANCE/Graduate School of Science	Ecole Polytechnique	Some Low Energy Concerns for the Hyper-Kamiokande Large Water Cherenkov Detector
14:30-14:45	Auriane Laurent	Graduate School of Engineering		Assessment of Tsunami Evacuation Plan in Small Declining Cities: Study Case of Tosashimizu, Japan
14:45-15:00	Julien Tang	ILANCE/Kavli IPMU	Ecole Polytechnique	Reconstruction of inflationary CMB B-mode signal with a presence of instrumental effects and Galactic foreground emissions
15:00-15:30	coffee break			
15:30-15:45	Jules Potel	ILANCE/Kavli IPMU	Ecole Polytechnique	Generate Simulation Samples with Bayesian Neural Network
15:45-16:00	Louis Grandvaux	Institute of Industrial Science	ESPCI	My background in a French-Japanese class and as a student from the ESPCI
16:00-16:15	Antoine Misery	ILANCE/Kavli IPMU	Ecole Polytechnique	Using Neural Networks' hidden variables to improve and understand physics analysis
16:15-16:30	Paul Jacquet	Research Center for Advanced Science and Technology	Ecole Polytechnique	Plasmon-enhanced light absorption in 2D MoS2 solar cell
16:30-16:45	Peiduo Wang	Graduate School of Mathematical Sciences		Daily life of a person who studies mathematics

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16:45-17:00	Enzo Forestier	ILANCE/Institute for Cosmic Ray Research	Ecole Polytechnique	Data processing for machine learning on Super-Kamiokande neutrinos detector
17:00-17:10	Prof. Atsushi Shiho	Graduate School of Mathematical Sciences		closing remarks

Chairs: Morning Prof. Mamoru Doi (Graduate School of Science) Afternoon1 Prof. Kazuhiko Hirakawa (Institute of Industrial Science) Afternoon2 Prof. Tomotake Matsumura (Kavli IPMU)