

# The 30th JUACEP Workshop

## 2023 Summer Research Course

Date & time:

9:30~12:30

August 9,  
2023

Venue:

TEL  
Auditorium,  
EI Bldg. 3F  
& Zoom



The participants will deliver presentations (10mins. + Q&A 4mins.) based on the research experience at NU or UCLA.

9:30 – 9:35	Opening address: Prof. S. Hara, Director of International Academic Exchange Office
9:35 – 9:50	(1) Catherine Denisowski: “Development of an Interactive Real Time Android Communication System” Adviser: Assoc. Prof. K. Ogawa, Information & Communication Engineering
9:50 – 10:05	(2) Vi Retault: “Quantum Circuit of Alzette and Applications” Adviser: Prof. T. Iwata, Information & Communication Engineering
10:05 – 10:20	(3) Enzo Luciani "Design of an autonomous glider and prediction of its performances" Adviser: Prof. S. Hara, Aerospace Engineering
10:20 – 10:35	(4) Herman Musumari: "Flow visualization of non-Newtonian fluids - Experimental and Numerical approaches" Adviser: Assoc. Prof. R. Tsubaki, Civil Engineering
10:35 – 10:50	(5) Mohamed Maftah: "Coordination of Drills in Open-Pit Mines: Mathematical & Constraint Programming Formulations", Adviser: Assoc. Prof. T. Sogabe, Applied Physics
10:50~11:05	Completion ceremony  Break time
11:15 – 12:30	Special Guest Talk: Prof. K. Kurabayashi, New York University “Integrated Plasmonic Biosensors: from Critical Care Medicine to Airborne Virus Monitoring”



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JUACEP Office