



## CNRS – University of Tokyo “Excellence Science” Joint Research Program

### Selected Projects

Tokyo, Paris, 25 May 2021

The CNRS and the University of Tokyo (UTokyo) have launched a joint call for proposals between the two institutions in order to develop new promising cooperation.

The joint call is intended to fund joint research projects for 3 years, including funding for Ph.D. students so that they may work towards obtaining their doctorate degrees. The selected joint research project will have two Ph.D. students (one CNRS, one UTokyo) associated with it. The ultimate aim for these students is for them to obtain a doctorate degree based on the work they do on the joint research over the three years.

The call for candidates was open from 22 February 2021 to 22 April 2021.

A total of 40 eligible proposals were received in response to the joint call. Based on the evaluation by experts, a Joint Selection Committee chaired by Prof. Nobuhito SAITO, UTokyo Executive Vice President, and by Prof. Alain SCHUHL, Chief Research Officer, CNRS, selected the six projects in the table next page.

#### Information contact:

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## Selected projects

Project Title	UTokyo PI	UTokyo Affiliation
	French PI	CNRS Affiliation
High-resolution electrophysiological interface for deciphering neuronal network activity of connected brain organoids in healthy and pathological condition	IKEUCHI Yoshiho	Institute of Industrial Science
	Guilhem LARRIEU	Laboratory for Integrated Micro Mechatronics Systems (LIMMS)
Orbital Angular Momentum Quantum N-photon states for Socially Optimal Decision Making	NARUSE Makoto	Graduate School of Information Science and Technology
	Guillaume BACHELIER	Institut Néel
Predicting multi-environment evolvability to control evolution in E. coli	FURUSAWA Chikara	Universal Biology Institute, School of Science
	Simona COCCO	Laboratoire de physique de l'ENS (LPENS)
Room Temperature Molecular Magnets Switchable at Terahertz Wavelength: Towards Quantum Devices for Magnetic Recording	OHKOSHI Shin-ichi	Dept. of Chemistry, School of Science
	Rodolphe CLERAC	Centre de recherche Paul Pascal (CRPP)
Science communication for and by citizens	KAMEDA Tatsuya	Dept. of Psychology, Graduate School of Humanities and Sociology
	Hugo MERCIER	Institut Jean-Nicod (IJN)
The transposable element biology: from their control to their impact on host genome adaptation	SIOMI Mikiko C.	Dept. of Biological Sciences, School of Science
	Severine CHAMBEYRON	Institut de Génétique Humaine (IGH)

Note: the projects are listed in the alphabetical order of their title