

International Collaborative Research Program 2021 Recipients

	Category	Project Leader	Facilitator	Title of Research Subject
1	New research project	Oleksandr Maksymenko	Tatematsu	Mode conversion in a complex-cavity gyrotron and its influence on gyrotron performance
2	New research project	Irina Zotova	Tatematsu	Non-linear mode interaction in Sub-THz Harmonic gyrotrons
3	New research project	Mikhail Glyavin	Mitsudo	High-harmonic gyrotrons with novel electron-optical systems
4	New research project	Aripin	Mitsudo	Investigation on the structural properties of MgO ceramic suppressed by silica xerogel
5	New research project	Anatoly Metelitsa	Tani	Further developments of synthetic and single-crystal growth methods for organic compounds with optical nonlinearity for efficient terahertz wave generation/detection
6	Continued research project	I Nyoman Sudiana	Mitsudo	Effect of Electromagnetic Wave on Chemical Composition of Bio-oil Extracted from Agricultural Waste by Using Microwave Pyrolysis for Perfumes and Cosmetics
7	Continued research project	Garik Torosyan	Tani	Experimental investigation of laser-structured spintronic terahertz emitter of different geometrical designs
8	Continued research project	Jarno Järvinen	Fujii	Microresonators in low temperature mm-wave electron paramagnetic resonance
9	Continued research project	Pham Hong Minh	Tani	Development techniques for cost-effective THz-time-domain spectrometer