

Selected Research

Research area (Field)	Research topic	Research representative (Titles omitted)
【Area 1】 Basic research that will contribute to future nuclear power technology	Development of a measuring method to simultaneously visualize 2D temperature and velocity for a 1000°C high-temperature gas	National Institute of Advanced Industrial Science and Technology Satoru Someya
	Development of a thermal neutron semiconductor imaging sensor employing B-doped GaN semiconductor materials	Shizuoka University Takayuki Nakano
	Development of an analytical method for hard-to-measure radionuclides based on resonance ionization employing Titanium-sapphire lasers	Nagoya University Hideo Tomita
【Area 2】 Research that will contribute to improving the safety of nuclear power stations	Development of an elastic wave camera for pipe imaging diagnoses	Kyoto University Takahiro Hayashi
	Research on highly accurate assessments for the remaining service life of aging reactor pressure vessels	Kyushu university Hideo Watanabe
	Development of crevice corrosion decommissioning techniques that employ harmless anion and in-crevice cleansing techniques	Tohoku University Yutaka Watanabe
	Development of a circular-formed numerical wave tank and its application to clarify shore deformation mechanisms	Nagoya University Norimi Mizutani
	Development of radiation-shielding carbide ceramics materials employing geopolymer of which its attachment offers high radiation tolerance to robots	Nagoya Institute of Technology Shinobu Hashimoto
	Development of a combined exposure impact assessment system concerning radiation and chemicals	University of Shizuoka Yuko Ibuki
	Research on radiation-induced bystander effect contributing to the clarification of low-dose radiation impacts	Nagoya University Jun Kumagai

*Order of adoption study, accepted the order of application types in the classification order of the Research area