Press Releases (April 2020–March 2021)

RNC

May. 15	Extending the southern shore of the island of inversion to ^{28}F	T. Uesaka, H. Otsu, Spin isospin Laboratory, SAMURAI Team
May. 28	"A single proton can make a heck of a difference" —Exploring the limits of existence of neutron-rich nuclei—	T. T. Leung, Spin isospin Laboratory
Jun. 18	Halo structure of the neutron-dripline nucleus ^{19}B	H. Otsu, K. Yoneda, SAMURAI Team, Spin isospin Laboratory
Jun. 23	Left-right asymmetry of π meson production from proton collisions —New discovery reveals the origin of particle production—	Y. Goto, Radiation Laboratory
Jul. 21	High-temperature short-range order in Mn_3RhSi	I. Watanabe, Meson Science Laboratory
Aug. 7	Lithum diffusion in $LiMnPO_4$ detected with $\mu^{\pm}$SR	K. Ishida, Meson Science Laboratory
Aug. 21	Discovery of "two-neutron halo" in fulorine-29 —Magicity loss at 20 and emergence of halo structure—	H. Sakurai, P. Doornenbal, Radioactive Isotope Physics Laboratory
Sep. 16	Mapping of a new deformation region around ^{62}Ti	T. Uesaka, Spin isospin Laboratory
Nov. 5	The impact of nuclear shape on the emergence of the neutron dripline	T. Otsuka, H. Ueno, Nuclear Spectroscopy Laboratory
Nov. 5	Dirac Fermion Kinetics in 3D curved graphene	T. Naito, Quantum Hadron Physics Laboratory
Nov. 11	Properties of ^{187}Ta revealed through isomeric decay	M. Mukai, Nuclear Spectroscopy Laboratory
Dec. 17	A new discovery on dineutron correlation in neutron halo of Lithium-11 —Evidence of surface localization of the dineutron found—	T. Uesaka, Spin isospin Laboratory
Jan. 13	Broadband high-energy resolution hard X-ray spectroscopy using transition edge sensors at Spring-8.	T. Tamagawa, T. Isobe, High Energy Astrophysics Laboratory, Radioactive Isotope Physics Laboratory
Jan. 15	Larger-than-usual rotifer fed to juvenile tuna, successfully produced —"Mega-rotifer" created by a heavy ion beam—	T. Abe, K. Tsuneizumi, Ion Beam Breeding Team
Jan. 21	Alpha particles found at the surface of nuclei of Sn —Unraveling the mystery of the structure of neutron stars and the process of alpha decay—	T. Uesaka, Spin isospin Laboratory
Feb. 18	Co-precipitation behavior of single atoms of rutherfordium in basic solutions	H. Haba, Nuclear Chemistry Research Team
Mar. 22	Prediction of a new quantum phase "mixed bubble" at ultra-low temperatures. —Discovery of quantum partial miscibility between miscibility and immiscibility—	P. Naidon, Strangeness Nuclear Physics Laboratory

KEK

Nov. 11	中性子過剰なタンタル核異性体で探る原子核形状の多様性 —原子核構造の研究から重元素合成の起源天体解明に迫る— https://www.kek.jp/ja/press/ipns_pr20201111-2/	P. M. Walker, Y. Hirayama