Poster List

No.	Title	Author Name	Affiliation
1-1	"Polarization dependent quantum correlation measurements of two nitrogen-vacancy color centres in diamond"	Davin Yue Ming Peng	RMIT University
1-2	"Enhanced photon extraction from praseodymium ions implanted with gallium nitride nanopillars"	Shin-ichiro Sato	QST (Takasaki)
1-3	"Spin-dependent transport in silicon carbide devices"	Christopher Lew	University of Melbourne
1-4	"ODMR magnetometry sensitivity improvement based on preferential coupling of diamond-doped step-index fibres"	Shuo Li	RMIT University
1-5	"Photon number resolving detectors for determination of the number of emitters"	Andrew Greentree	RMIT University
1-6	"Optical rotation of asymmetric core-shell particle in sub-micro scale"	Qiang Sun	RMIT University
1-7	"Creation of NV centers by phthalocyanine implantation into diamond"	Shinobu Onoda	QST (Takasaki)
1-8	"Evaluation of NV centers in bulk diamond formed by electron beam irradiation"	Shuya Ishii	QST (Takasaki)
1-9	"Optical properties of silicon vacancies in SiC under simultaneous optically and electrically excitations"	Yuichi Yamazaki	QST (Takasaki)
1-10	"Structural identification of the single-photon sources formed on SiC surface using isotope oxygen"	Yasuto Hijikata	Saitama University
1-11	"Digital signal processing for portable highly sensitive diamond quantum magnetometer"	Yuta Masuyama	QST (Takasaki)
1-12	"Near infra-red erbium luminescence enhancement in silicon carbide nano-pillars"	Ryan Parker	Cambridge University
2-1	"A novel graphene/heusler alloy heterostructure for advanced spintronic device application"	Li Songtian	QST (Takasaki)
2-2	"Development of a low-energy positron diffraction apparatus with a three-layer delay-line anode detector"	Ken Wada	KEK
2-3	"Heteroatom doping into two-dimensional materials by high-energy ion irradiation"	Shiro Entani	QST (Takasaki)
2-4	"Theoretical investigation of x-ray magnetic circularly polarized emission in metallic iron"	Akihiro Koide	QST (Harima)
2-5	"Laboratory automation for magnetic materials study: Sample preparation with general-purpose robot arm"	Tetsuro Ueno	QST (Harima)
2-6	"Application of clustering analysis to spatially-resolved angle-resolved photoemission data"	Hideaki Iwasawa	QST (Harima)
2-7	"Quantum interference for mössbauer spectroscopy under reflection condition in multilayered films embedded monolayer of 57Fe	Kosuke Fujiwara	QST (Harima)
2-8	"Theoretical analysis of resonant inelastic X-ray scattering in iron-based superconductor FeSe"	Takuji Nomura	QST (Harima)
2-9	"Numerical study of resonant inelastic X-ray scattering spectra on cuprates"	Kenji Tsutsui	QST (Harima)
2-10	"Localized character of charge excitations in La2−xSrxNiO4+・revealed by resonant inelastic x-ray scattering at the oxygen K edge	Kenji Ishii	QST (Harima)
2-11	"Symmetry protected topological phase of the S=2 quantum spin chain in magnetic field"	Toru Sakai	University of Hyogo
2-12	"Observation of magnetic domains by means of non-resonant magnetic x-ray diffraction"	Toshiya Inami	QST (Harima)
3-1	"Direct observation of skewed band structure in ferroelectrics by using angular-resolved hard x-ray photoemission spectroscopy"	Norihiro Oshime	QST (Harima)
3-2	"3D imaging of BaTiO3 nano-crystals by using coherent X-ray diffraction"	Kenji Ohwada	QST (Harima)
3-3	"In situ study of growth dynamics in nitride semiconductors using synchrotron X-rays"	Takuo Sasaki	QST (Harima)
3-4	"Local structural study on “charge glass” states appeared in Pb/Bi-based perovskites using pair distribution function analysis."	Tetsu Watanuki	QST (Harima)
3-5	"Hierarchical deformation evaluation of Mg Alloy with Long-Period Stacking Ordered Structure using synchrotron radiation"	Ayumi Shiro	QST (Harima)
3-6	"Evaluation of local residual strains in SiC/SiC composite and tungsten joints"	Ryo Yasuda	QST (Harima)
3-7	"First principles isothermal-isobaric centroid molecular dynamics simulation of high pressure ices"	Takashi Ikeda	QST (Harima)
3-8	"High-pressure synthesis of aluminum-based hydrides using in-situ synchrotron radiation x-ray diffraction"	Hiroyuki Saitoh	QST (Harima)
3-9	"Local structural studies on metal–hydrogen systems by atomic pair distribution function measurements"	Akihiko Machida	QST (Harima)
3-10	"Fabrication of thin oxide films on silicon substrate by ion beam sputter deposition method under controlled atmosphere"	Kenji Yamaguchi	QST (Tokai)
4-1	"Development of a magnetic microscope using X-ray magnetic circularly polarized emission"	Kento Sugawara	QST (Harima)
4-2	"QST advanced characterization nanotechnology platform"	Yuden Teraoka	QST (Harima)
4-3	"Cyclotron technology for microbeam applications"	Satoshi Kurashima	QST (Takasaki)
4-4	"Measurement of hydrogen ion beam energy spreads generated by a penning-ionization-gauge type ion source for a MeV compac	Yasuyuki Ishii	QST (Takasaki)
4-5	"Development of a pulsed helium liquid droplet source for use at synchrotron and free-electron laser sources"	James Harries	QST (Harima)
4-6	"Plasmon-enhanced high harmonic generation in a wide-gap semiconductor ZnO"	Kotaro Imasaka	QST (Kizu)
4-7	"Development of spin-polarized positronium time-of-flight spectroscopy"	Masaki Maekawa	QST (Takasaki)
4-8	"Synchrotron-radiation-based Mössbauer spectroscopy of non-iron elements"	Ryo Masuda	Hirosaki University
4-9	"Production of low charge state ion by a laser ion source for ion implanter"	Keisuke Yamada	QST (Takasaki)
4-10	"Study for electron-hole plasma on semiconductor surface with THz free electron laser"	Keigo Kawase	QST (Tokai)
4-11	"The change of interaction between Pt nanoparticle catalyst and the carbon support by the ion irradiation"	Hiroyuki Okazaki	QST (Takasaki)