

Expert Workshop on Nuclear Resonant Scattering of Synchrotron Radiation - Program on 12 January

Presentation Start Time					Duration (min)		Title	Presenter
Osaka	Chicago	Paris	Novosibirsk	Beijing	Presentation	Discussion		
21:00	6:00	13:00	19:00	20:00	8	2	Welcome and Overview of SP8 NRS Options	Baron
21:10	6:10	13:10	19:10	20:10	15	5	Overview of the JASRI NRS Program	Yoda
21:30	6:30	13:30	19:30	20:30	15	5	Time-domain interferometry for dynamics study	Saito
21:50	6:50	13:50	19:50	20:50	10	4	Application of time-domain interferometry to study dynamics of lipid membranes	Nagao
22:04	7:04	14:04	20:04	21:04	15	5	Instrumentation for energy domain synchrotron radiation Mossbauer spectroscopy using various nuclides.	Masuda
22:24	7:24	14:24	20:24	21:24	10	4	Dynamical valence fluctuations in YbAlB ₄ observed by ¹⁷⁴ Yb SR-based Mossbauer spectroscopy	Kobayashi
22:38	7:38	14:38	20:38	21:38	0	10	10 MINUTE BREAK	BREAK
22:48	7:48	14:48	20:48	21:48	15	5	Present state of synchrotron Mössbauer spectroscopy in BL11XU of SPring-8	Mitsui
23:08	8:08	15:08	21:08	22:08	5	3	Brief Report on the SMS Setup for High pressure at BL10XU	Hirao
23:16	8:16	15:16	21:16	22:16	10	4	Towards spectroscopy of ²²⁹ Th nuclear isomeric transition using nuclear resonant scattering at SPring-8	Yoshimi
23:30	8:30	15:30	21:30	22:30	10	4	Si-APD linear-array detector system and High-Z loaded plastic scintillators	Kishimoto
23:44	8:44	15:44	21:44	22:44	10	4	High-Flux ⁵⁷ Fe Nuclear Spectroscopy with a 25m ID	Cramer
23:58	8:58	15:58	21:58	22:58				

Expert Workshop on Nuclear Resonant Scattering of Synchrotron Radiation - Program on 13 January

Presentation Start Time					Duration (min)		Title	Presenter
Osaka	Chicago	Paris	Novosibirsk	Beijing	Presentation	Discussion		
21:00	6:00	13:00	19:00	20:00	8	2	Nuclear Resonance Scattering: Again a new era at the horizon.	Rüffer
21:10	6:10	13:10	19:10	20:10	10	5	News of EBS machine, including timing modes	Revol
21:25	6:25	13:25	19:25	20:25	10	5	EBS features, as seen from beamline	Bessas
21:40	6:40	13:40	19:40	20:40	10	5	Upgrade of Nuclear Resonance beamline at ESRF	Chumakov
21:55	6:55	13:55	19:55	20:55	10	5	Spectrograph facility: towards 50-100 μ eV energy resolution	Bessas
22:10	7:10	14:10	20:10	21:10	0	10	10 MINUTE BREAK	BREAK
22:20	7:20	14:20	20:20	21:20	10	5	Future Nanoscope facility: towards sub-micron spatial resolution	Chumakov
22:35	7:35	14:35	20:35	21:35	10	5	SMS at very tight place	Dubrovinsky
22:50	7:50	14:50	20:50	21:50	10	5	Nuclear Resonance Measurements in the Laser Heated Diamond Anvil Cell	Aprilis
23:05	8:05	15:05	21:05	22:05	10	5	New ideas in Synchrotron-based Perturbed Angular Correlation	Bessas
23:20	8:20	15:20	21:20	22:20	10	5	New ideas in Time-Domain Interferometry	Caporaletti
23:35	8:35	15:35	21:35	22:35	10	5	New ideas in Synchrotron Mössbauer Source: iron borate crystals, collimating lenses	Chumakov
23:50	8:50	15:50	21:50	22:50				

Expert Workshop on Nuclear Resonant Scattering of Synchrotron Radiation - Program on 14 January

Presentation Start Time					Duration (min)		Title	Presenter
Osaka	Chicago	Paris	Novosibirsk	Beijing	Presentation	Discussion		
21:00	6:00	13:00	19:00	20:00	25	5	Overview of Nuclear Resonance Scattering at PETRAIII	Sergeev
21:30	6:30	13:30	19:30	20:30	15	5	The ultimate X-ray microscope PETRA IV - New opportunities for Nuclear Resonance Scattering	Wille
21:50	6:50	13:50	19:50	20:50	15	5	Nuclear Resonance Scattering of Synchrotron Radiation at the 193Ir Resonance and Fast Detectors	Leupold
22:10	7:10	14:10	20:10	21:10	15	5	Sb and Te spectroscopy in backscattering geometry	Hermann
22:30	7:30	14:30	20:30	21:30	15	5	Quantum Optics Experiments with Nuclear Resonances	Röhlsberger
22:50	7:50	14:50	20:50	21:50	0	10	10 MINUTE BREAK & Change to Invited Facility Talks	Break
23:00	8:00	15:00	21:00	22:00	23	7	Nuclear resonant scattering program in China: past, present and future	Xu
23:30	8:30	15:30	21:30	22:30	23	7	Nuclear resonant scattering at future 3 GeV SKIF storage ring	Rashchenko

Expert Workshop on Nuclear Resonant Scattering of Synchrotron Radiation - Program on 15 January

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Osaka	Chicago	Paris	Novosibirsk	Beijing	Presentation	Discussion		
21:00	6:00	13:00	19:00	20:00	15	5	Overview of the Nuclear Resonant Scattering program at the APS. Now and at the APS-U era	Alp
21:20	6:20	13:20	19:20	20:20	15	5	Sn-119 Nuclear Resonant Scattering Program at Advanced Photon Source Sector 30	Hu
21:40	6:40	13:40	19:40	20:40	15	5	Nuclear Resonance Scattering at extreme pressure and temperature	Zhao
22:00	7:00	14:00	20:00	21:00	15	5	Nuclear Resonant X-ray Scattering at Pressure and Temperature: Applications to Thermophysics	Fultz
22:20	7:20	14:20	20:20	21:20	10		10 MINUTE BREAK	BREAK
22:30	7:30	14:30	20:30	21:30	15	5	Time domain synchrotron Mössbauer spectroscopy at extreme conditions	Bi
22:50	7:50	14:50	20:50	21:50	15	5	NRIXS on High Valent Iron Complexes Relevant to Biological Small Molecule Activation	Guo
23:10	8:10	15:10	21:10	22:10	15	5	Nuclear Resonant Scattering Program at HPCAT	Xiao
23:30	8:30	15:30	21:30	22:30	15	5	Evaluation of Synchrotron Based NRS Data	Sturhahn
23:50	8:50	15:50	21:50	22:50				