



1Shift =12Hours

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20 20 20 20 20 20 20 20	2	2016A8006	Search for new weekly interacting particles with strong pulse magnets	Toshio NAMBA	The University of Tokyo	Japan	SACLA General Proposal	BL3	5
December	3	2016A8008	Understanding the role of phonons in the insulator-metal transition in VO2	Simon Wall	ICFO - The Institute of Photonic Sciences	Spain	SACLA General Proposal	BL3	6
20 20 20 20 20 20 20 20	4	2016A8009	Hard x-ray coherent photonics with K $lpha$ laser pumped by XFEL	Hitoki YONEDA	The University of Electro-Communications	Japan	SACLA General Proposal	BL3	5
December	5	2016A8010		Kazuto YAMAUCHI	Osaka University	Japan	SACLA General Proposal	BL3	7
2016-0.00 Sevel Angle is Any secretaring of susception of water composite the composite of water compos	6	2016A8013	·	Kenii TAMASAKU	RIKFN	Japan	SACLA General Proposal	BL3	5
8 2016A8011 K-ray septification using intense optical laser 9 2016A8011 Thresholder derivation using intense optical laser 9 2016A8011 Thresholder derivation of the proteocome of the protection in Schrift-2566 9 2016A8011 Thresholder derivation of the protection of the protection in Schrift-2566 9 2016A8011 Thresholder derivation of the protection of the protection in Schrift-2566 9 2016A8011 Thresholder derivation of the protection of			Small Angle X-ray scattering of supercooled water in no man's land – a route to explain the	-			·		
10 2016A8025 Ultrafient dynamics of a phonon-coupling-throughout breakfain in So/29266 Steven Johnson ETH Jurch Selection Selection Proposed Bill 6 12 2016A8025 Ultrafient dynamics of the proposed control extending the Inc. Double Steven Johnson Steven Johns	8	2016A8016	X-ray amplification using intense optical laser	Yuichi INUBUSHI	, ,	Japan	SACLA General Proposal	BL2	5
13 2016-80025 Ultrafast corried of the magnetic corried proposal Bi.3 6	9	2016A8018	Time-resolved Serial Femtosecond X-ray crystallography of a Ribosome Decoding Complexes	Hasan Demirci	Stanford University	USA	SACLA General Proposal	BL3	3
2010A8008 Social Environment dependence of charge-carrier dynamics in introgen-depend TiO2 studied Taleath MORIKAWA TOYOTA CENTRAL R8D LABS, INC. Japan SACLA General Proposal BL3 5 SOCIA R8D Social Proposal BL3 5 SOCIA R8D Social Proposal BL3 4 Social R8D S	10	2016A8021	Ultrafast dynamics of a phonon-coupling-driven phase transition in Sn2P2Se6	Steven Johnson	ETH Zurich	Switzerland	SACLA General Proposal	BL3	6
2 2016-8000 by time-resolved X-ray emission spectroscopy 3 2016-8000 by time-resolved X-ray emission spectroscopy 4 2016-8000 by time-resolved X-ray emission spectroscopy 4 2016-8000 by time-resolved x-ray emission spectroscopy 5 2016-8000 by time-resolved x-ray emission spectro	11	2016A8025	Ultrafast control of the magnetic correlations in 5d iridates by stretching the Ir-O bond	Mark Dean	Brookhaven National Laboratory	USA	SACLA General Proposal	BL3	6
tuggen friode) Display of the influenza M2 protein from high to lowy aft conditions Display of the influenza M2 protein from high to lowy aft conditions Test Advanced photocomerisation was a condition of the influenza M2 protein from high to lowy aft conditions Test Advanced photocomerisation was a condition of the influenza M2 protein from high to lowy aft conditions Test Advanced photocomerisation was a condition of the influenza M2 protein from high to lowy aft conditions Test Advanced photocomerisation was a condition of photocystem II by a sept reaction of photocystem II by a condition was a condition of the influenza M2 protein from high to lowy after the influenza M2 protein from high to lowy after the influenza M2 protein from high to lowy after the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzation of the influenzation of photocystem II by a sept from high to lowy after the influenzation of the influenzatio	12	2016A8026		Takeshi MORIKAWA	TOYOTA CENTRAL R&D LABS., INC.	Japan	SACLA General Proposal	BL3	5
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Source Structural analysis of intermediate states of the water-apiliting reaction of photosystem il by serial farintesseound crystallography. Source Shinya YOSHIKAWA University of Hyogo Japan SACLA Priority Strategy Proposal BL3 2	14	2016A8030	, , , , , , , , , , , , , , , , , , , ,	William DeGrado	University of California, San Francisco	USA	SACLA Priority Strategy Proposal	BL3	3
Structural analysis of intermediate states of the water-spitting reaction of photosystem II by acrial femtoscoord crystallography. 2016A803a Radiation damage free high-resolution structure of reaction intermediates of cytochrome c shrings y YOSHIKAWA University of Hyogo Japan SACLA Priority Strategy Proposal BL3 2 2 2016A803a Structural dynamics of home proteins using femtosecond X-ray solution scattering 2016A803a Time-resolved solving investments of cytochrome c solution scattering or tracking on-equilibrium structural dynamics of home proteins using femtosecond X-ray solution scattering 2016A803a Time-resolved Serial femtosecond crystallography (TR-SFX) with a fixed target: Investigating individual principles of protein structural dynamics of home proteins using femtosecond with the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation of dilidomethane with granular proteins of the structure of the photodissociation o	15	2016A8032	· · · · · · · · · · · · · · · · · · ·	Jasper vanThor	Imperial College London	UK	SACLA Priority Strategy Proposal	BL3	3
2016AB036 Rodistation damage free high-resolution structure of reaction intermediates of cytochrome c oddase by the fremisocoord restallations and solution scattering on-regulibrium structural dynamics of heme proteins using femtosecond X-ray of Technology. Technology Te	16	2016A8033		•	-	Japan		BL3	8
19 2016A8035 solution scattering 19 2016A8035 solution scattering 19 2016A8035 solution scattering 19 2016A8036 unifying principles of protein structural dynamics 20 2016A8037 from the protein structural dynamics 21 2016A8037 from the protein structural dynamics 22 2016A8037 from the protein structural dynamics 23 2016A8037 from the protein structural dynamics 24 2016A8038 from the protein season of the protein structural dynamics 25 2016A8037 from the protein season of the prote	17		Radiation damage free high-resolution structure of reaction intermediates of cytochrome c	Shinya YOSHIKAWA	University of Hyogo	Japan	SACLA Priority Strategy Proposal	BL3	2
UNAYOR WILLIAM DISTRICT OF TOTAL STREET PROPOSAL BL3 S SUBSTRANCE OF TORS TO STREET PROPOSAL BL3 S SUBSTRANCE	18	2016A8035	Tracking non-equilibrium structural dynamics of heme proteins using femtosecond X-ray	Hyotcherl Ihee		Korea	SACLA Priority Strategy Proposal	BL3	4
10 10 10 10 10 10 10 10 10 10 10 10 10 1	19	2016A8036		Dwayne Miller		Germany	SACLA Priority Strategy Proposal	BL3	5
22 2016A8043 Development of versatile methods using time-resolved serial femtosecond crystallography	20	2016A8037		Sebastian Westenhoff	University of Gothenburg	Sweden	SACLA Priority Strategy Proposal	BL3	5
22 2016A8043 Development of versatile methods using time-resolved serial femtosecond crystallography 23 2016A8047 X-ray crystallographic analysis of sponge-phase crystals of ABC transporter at SACLA 24 2016A8048 25 2016A8048 26 2016A8049 Three-dimensional structure analyses on the cell cycle-dependent distribution of cellular components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature components in nucleus and cells through XFEL-CXDI experiments at	21	2016A8041	Femtosecond X-ray protein nanocrystallography on drug-target proteins	So IWATA	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	5
23 2016A8047 X-ray crystallographic analysis of sponge-phase crystals of ABC transporter at SACLA 24 2016A8048 Three-dimensional structure analyses on the cell cycle-dependent distribution of cellular components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature 25 2016A8049 Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering 26 2016A8050 High-resolution crystals structure analysis of biological magneromolecules free of radiation damage at a non-cryogenic temperature for the visualization of biological energy-conversion processes 27 2016A8050 Visualization of catalytic reaction processes of nitric-oxide reductase using caged substrate Application of time-resolved serial femtosecond X-ray crystallography (TR-SFX) for Developing Optogenetics 28 2016A8054 Time-resolved Serial Femtoseconds Crystallography (TR-SFX) for Developing Optogenetics 30 2016A8055 Phase Revealing ultrafast dynamics of photodissociation of mercury iodide compounds in solution using femtosecond X-ray solution scattering 30 2016A8059 Processing in the processes of the cell cycle-dependent distribution of cellular components in nucleus and cells through XFEL-CXDI experiments at cryogenic temperature for the visualization of biological energy-conversion processes 31 2016A8055 Phase Revealing ultrafast dynamics of photodissociation of mercury iodide compounds in solution using femtosecond X-ray solution scattering 32 2016A8057 Dynamic imaging for ultra-fast reaction of nano-particles probed by femtosecond XFEL pulses 33 2016A8059 Procession analysis of dynamic functional space toward design of high speed and high response space materials 34 2016A8069 Processional response space materials 35 2016A8060 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis 36 2016A8061 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis	22	2016A8043	Development of versatile methods using time-resolved serial femtosecond crystallography	Eriko NANGO	RIKEN	Japan	SACLA Priority Strategy Proposal	BL3	3
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25 2016A8049 Biomolecular Imaging by Pulsed Coherent X-Ray Solution Scattering High-resolution crystal structure analysis of biological macromolecules free of radiation High-resolution crystal structure analysis of biological macromolecules free of radiation Academy at a non-cryogenic temperature for the visualization of biological energy-conversion processes 27 2016A8052 Visualization of catalytic reaction processes of nitric-oxide reductase using caged substrate – Application of time-resolved serial femtosecond X-ray crystallography to an enzyme protein- Tools Revealing ultrafast dynamics of photodissociation of mercury iodide compounds in solution using femtosecond X-ray solution scattering 30 2016A8055 Vigualization of time-resolved Serial Femtosecond X-ray solution scattering 31 2016A8056 Vigualization of catalytic reaction processes 32 2016A8056 Vigualization of catalytic reaction processes of nitric-oxide reductase using caged substrate – Application of time-resolved Serial Femtosecond X-ray crystallography to an enzyme protein- Tools 33 2016A8056 Vigualization of time-resolved Serial Femtosecond X-ray crystallography (TR-SFX) for Developing Optogenetics Tools 34 2016A8057 Vigualization of mercury iodide compounds in solution using femtosecond X-ray solution scattering 35 2016A8057 Vigualization of photodissociation of mercury iodide compounds in solution Using femtosecond X-ray solution scattering 36 2016A8059 Vigualization of photocatalysis of dynamic functional space toward design of high speed and high response space materials 36 2016A8059 Vigualization of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation 37 2016A8050 Portion of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation 38 2016A8060 Portion of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis 39 2016A8061 Portion of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis			Three-dimensional structure analyses on the cell cycle-dependent distribution of cellular		•			BL3	7
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26 2016A8050 damage at a non-cryogenic temperature for the visualization of biological energy-conversion processes 27 2016A8052 Visualization of catalytic reaction processes of nitric-oxide reductase using caged substrate – Application of time-resolved serial femtosecond X-ray crystallography to an enzyme protein— 28 2016A8054 Time-resolved Serial Femtoseconds Crystallography (TR-SFX) for Developing Optogenetics Tools 29 2016A8055 Revealing ultrafast dynamics of photodissociation of mercury iodide compounds in solution using femtosecond X-ray solution scattering 30 2016A8057 Dynamic imaging for ultra-fast reaction of nano-particles probed by femtosecond XFEL pulses (Kiyoshi UEDA) 30 2016A8058 Picosecond analysis of dynamic functional space toward design of high speed and high response space materials 31 2016A8060 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis 32 2016A8061 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of processes of nitric-oxide readcusts using caged substrate – Minoru KUBO RIKEN 34 SACLA Priority Strategy Proposal BL3 3 35 SACLA Priority Strategy Proposal BL3 3 36 SACLA Priority Strategy Proposal BL3 3 37 SACLA Priority Strategy Proposal BL3 3 38 SACLA Priority Strategy Proposal BL3 4 39 SACLA Priority Strategy Proposal BL3 4 40 Susumu KITAGAWA Comparization Compar							, 13.2323, 3,00001		_
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29 2016A8055 using femtosecond X-ray solution scattering 30 2016A8057 Dynamic imaging for ultra-fast reaction of nano-particles probed by femtosecond XFEL pulses Kiyoshi UEDA 31 2016A8059 Picosecond analysis of dynamic functional space toward design of high speed and high response space materials 32 2016A8060 Picosecond analysis of dynamic functional space toward design of high speed and high perpendicular magnetic anisotropy induced by Rashba-type spin-orbit interaction and of nonlinear optical effect of second harmonic generation in soft X-ray region 33 2016A8061 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis 3 2016A8061 Shin-ichi ADACHI Organization Organization Drawled Shin-ichi ADACHI Organization Organization Organization Organization Organization Organization Organization Organization Organization Davenity Strategy Proposal BL3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	28	2016A8054	Tools	Osamu NUREKI	The University of Tokyo	Japan	SACLA Priority Strategy Proposal	BL3	3
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Susumu KTAGAWA Kyoto University Japan SACLA Priority Strategy Proposal BL3 4 Study of ultrafast de/remagnetization phenomena on Au/Fe system which has interfacial perpendicular magnetic anisotropy induced by Rashba-type spin-orbit interaction and of nonlinear optical effect of second harmonic generation in soft X-ray region 32 2016A8061 Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation of photocatalysis Toshinori SUZUKI Kyoto University Japan SACLA Priority Strategy Proposal BL3 5	30	2016A8057	Dynamic imaging for ultra-fast reaction of nano-particles probed by femtosecond XFEL pulses	Kiyoshi UEDA	Tohoku University	Japan	SACLA Priority Strategy Proposal	BL3	6
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10shinori SUZUKI Kyoto University Japan SACLA Priority Strategy Proposal BL3 5	32		perpendicular magnetic anisotropy induced by Rashba-type spin-orbit interaction and of	Iwao MATSUDA	The University of Tokyo	Japan	SACLA Priority Strategy Proposal	BL1	7
34 2016A8065 Generation and application of multi-Mbar dynamic high pressure uisng high-energy laser Norimasa OZAKI Osaka University Japan SACLA Priority Strategy Proposal BL3 7	33	2016A8061	Development of time-resolved hard X-ray spectroscopy of aqueous solutions and elucidation	Toshinori SUZUKI	Kyoto University	Japan	SACLA Priority Strategy Proposal	BL3	5
	34	2016A8065	Generation and application of multi-Mbar dynamic high pressure uisng high-energy laser	Norimasa OZAKI	Osaka University	Japan	SACLA Priority Strategy Proposal	BL3	7

^{*1} Proprietary research. All proposals except proposal No. 2016A8001: Non-Proprietary research.