DATE:	POSTER BOARD	Paper Number	Paper Title	First Name	Last Name	Organisation	Theme
Sunday 02/12	1	403	All Colors Are Beautiful! Exhaustive Symmetry-Aware Search of Colored Crystal Nets for Structure Prediction of Framework Isoreticular Isomers.	Roberto	Amabile	Ruhr University Bochum	2. Chemical Crystallography/Materials
Sunday 02/12	2	325	How far can halogenated 2-phenylbenzimidazole derivatives preserve their isostructurality?	Petra	Bombicz	Research Centre For Natural Sciences, Hungarian Academy Of Sciences	2. Chemical Crystallography/Materials
Sunday 02/12	3	422	Selective metal ions sensing and CO2 sorption in novel porous coordination polymers	Kittipong	Chainok	Thammasat University	2. Chemical Crystallography/Materials
Sunday 02/12	4	278	An experimental and theoretical approach to control salt vs. co-crystal vs. hybrid formation - Crystal engineering of butenedioic acid/phthalazine systems	Analia Ivanna	Chamorro Orue	Ruhr-Universität Bochum	2. Chemical Crystallography/Materials
Sunday 02/12	5	268	Temperature-dependent study on the crystal structures and physical properties of some derivatives of 2,2';6',2"-terpyridine chelating Co metal complexes	Yan-An	Chen	National Taipei Technology Of University	2. Chemical Crystallography/Materials
Sunday 02/12	6	321	Optimizing the Oxygen Balance by Changing the A-site Cations in Molecular Perovskite High-energetic Materials	Shaoli	Chen	Sun Yat-sen university	2. Chemical Crystallography/Materials
Sunday 02/12	7	214	Crystallographic investigations of variant MOF structures	David	Cordes	University Of St Andrews	2. Chemical Crystallography/Materials
Sunday 02/12	8	83	Two-Photon Absorption and Fluorescence in Micrometer-Sized Single Crystals of a Rhodamine B Coordinated Metal Organic Framework	Mayank	Gupta	INDIAN INSTITUTE OF TECHNOLOGY KANPUR(IITK) INDIA	2. Chemical Crystallography/Materials
Sunday 02/12	9	133	Tailoring the structure and morphology of WO3 nanostructures by hydrothermal method	Viet Phuong	Han	Hanoi University Of Science And Technology	2. Chemical Crystallography/Materials
Sunday 02/12	10	333	The synthesis and structural transformation of a new 2D metal-organic framework with sql topology	Huiling	Hong	Sun Yat-Sen University	2. Chemical Crystallography/Materials
Sunday 02/12	11	397	Crystal structure and dissolution of novel multicomponent crystals of Desloratadine, an antihistamine API	Ayano	Horikawa	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Sunday 02/12	12	406	Apply Powder X-ray Diffraction and X-ray Absorption Spectroscopy on Characterization of Spin Transition Co(II) Metal Complexes	I-Jui	Hsu	National Taipei University of Technology	2. Chemical Crystallography/Materials
Sunday 02/12	13	105	Synthesis, crystal and magnetic structure of the novel 5d1 quantum magnet KOsO4	Sean	Injac	The University Of Sydney	2. Chemical Crystallography/Materials
Sunday 02/12	14	377	Chiral resolution of NSAIDS using L-proline co-crystal	Ryoshi	Iwaki	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Sunday 02/12	15	3	Analysis of CSD crystal structures, biological activity and lattice energy of some medicinally important coumarins	Rajni	Kant	University Of Jammu	4. Other
Sunday 02/12	16	365	In-Situ Diffraction Studies of Uranium Oxides.	Brendan	Kennedy	The University Of Sydney	2. Chemical Crystallography/Materials
Sunday 02/12	17	401	MOF+: A User-Driven Database for Modular Crystalline Materials	Julian	Keupp	Ruhr-universität Bochum	2. Chemical Crystallography/Materials
Sunday 02/12	18	265	Temperature and Light Intensity Study of Hybrid Solar Cells Based on Polv(phenylene vinylene):ZnO Nanoparticles with Added Surfactants	Junyoung	Kim	Gyeongsang National University	2. Chemical Crystallography/Materials
Sunday 02/12	19	129	Crystallographic Relationship between Cadmium Cyanide Clathrates and Hofmann-type SCO Systems	Takafumi	Kitazawa	Toho University	2. Chemical Crystallography/Materials
Sunday 02/12	20	213	Conducting and magnetic properties of molecular crystals containing a supramolecular 2D network mediated via sulfur's σ-holes	Tetsuro	Kusamoto	The University Of Tokyo	2. Chemical Crystallography/Materials
Sunday 02/12	21	140	Crystal structure of peroxiredoxin 3 from Vibrio vulnificus and its implications for scavenging peroxides and nitric oxide	Jinsook	Ahn	Seoul National University	1. Structural Biology
Sunday 02/12	22	414	Validation of RNase HI as a new drug target in Mycobacteria	Abeer	Al-Zubaidi	The University of Auckland	4. Other
Sunday 02/12	23	179	Structural basis of the specificity of metabolites mediated MAIT cell immunity	Wael	Awad	Biomedicine Discovery Institute, Monash University	1. Structural Biology
Sunday 02/12	24	382	Crystal structures of anti-CRISPR proteins, AcrIF2 and AcrIIA1	Euiyoung	Bae	Seoul National University	1. Structural Biology
Sunday 02/12	25	408	Structural investigation of TRIM proteins in Autophagy.	Michael	Barnett	The University Of Auckland	1. Structural Biology
Sunday 02/12	26	347	Crystal Structures of Spleen Tyrosine Kinase with Novel Inhibitors	Seoungmin	Bong	National Cancer Center	1. Structural Biology
Sunday 02/12	27	177	Structure of YenTc at near atomic resolution	Joseph	Box	University Of Queensland	1. Structural Biology
Sunday 02/12	28	184	Investigation into the modulation of apoptosis signal-regulating kinase (ASK) activity through protein-protein interactions	Jodi	Brewster	University Of Otago	1. Structural Biology
Sunday 02/12	29	434	Use of Nanobodies to Stabilize a Large Flexible Protein for Structural Studies	Ashley	Campbell	University Of Missouri-columbia	
Sunday 02/12	30	354	Structural determination of archaeal UDP-N-acetylglucosamine 4-epimerase from Methanobrevibacter ruminantium M1 in complex with the bacterial cell wall intermediate UDP-N-acetylmuramic acid	Vincenzo	Carbone	Agresearch	1. Structural Biology
Sunday 02/12	31	396	Simulation of the mechanism of interaction of antibacterial peptides with model cell membranes	Aparajita	Chakraborty	The University Of Auckland	1. Structural Biology
Sunday 02/12	32	227	Structural organization of mycobacterial pole-organizing protein DivIVA/Wag31	Barnali	Chaudhuri	Csir Institute Of Microbial Technology	1. Structural Biology
Sunday 02/12	33	65	Domain swapping and SMYD1 interactions with the PWWP domain of human hepatoma-derived growth factor	Chun-Jung	Chen	National Synchrotron Radiation Research Center	1. Structural Biology
Sunday 02/12	34	331	Structural and biochemical characterization of the plant 4,5-DOPA-extradiol-dioxygenase involved in betalain pigment biosynthesis	Chih-Chia	Chiang	Department Of Agricultural Chemistry, National Taiwan University, Taipei, Tai	1. Structural Biology
Sunday 02/12	35	320	Structural and Functional Dissection of yeast Poa1P Macrodomain reveals Reactivity towards O-Acetyl-ADP-ribose	Yi-Chih	Chiu	Genome and System Biology Degree Program, National Taiwan University and	1. Structural Biology
Sunday 02/12	36	26	Non-canonical c-di-NMP binding modes	Shan-ho	Chou	National Chung Hsing University	1. Structural Biology
Sunday 02/12	37	308	Structure basis of human Rexo2 in RNA and DNA turnover	Lee-Ya	Chu	Institute Of Molecular Biology, Academia Sinica, Taiwan	1. Structural Biology
Sunday 02/12	38	425	Investigations into the Multimodular Structure of Non Ribosomal Peptide Synthetases	Shayhan	Chunkath	The University of Auckland	
Sunday 02/12	39	330	Towards structural and functional characterisation of the human zinc transporter ZnT1	Camila	Cotrim	Griffith University (GRIDD)	1. Structural Biology
Sunday 02/12	40	224	The first crystal structures of BAK in complex with lipid offer novel insights into oligomerisation and membrane permeabilisation	Angus	Cowan	Walter and Eliza Hall Institute	1. Structural Biology
Sunday 02/12	41	165	Understanding the extent of TRAF RING hetero-dimerization and activity	Anubrita	Das	University Of Otago	1. Structural Biology
Sunday 02/12	42	111	A study of an artificially constructed dimer through deformation of a short zinc-binding loop	Donghae	Shin	Ewha Womans University	1. Structural Biology
Sunday 02/12	43	112	Structural and functional study of murine oxi-α	Donghae	Shin	Ewha Womans University	1. Structural Biology
Sunday 02/12	44	199	A structural basis for MEKK1's response to microtubule stress	Pavel	Filipcik	University Of Otago	1. Structural Biology
Sunday 02/12	45	94	Approach to Elucidate the Inhibition Mechanism of PAD3 by the Inhibitor	Kazumasa	Funabashi	Ibaraki university	1. Structural Biology
Sunday 02/12	46	356	Structural insights into ADP-dependent glucokinase mechanism of catalysis and inhibition	Przemyslaw	Grudnik	Jagiellonian University	1. Structural Biology
Sunday 02/12	47	345	Understanding the Structural Basis of Self-Regulatory Function in SARM	Weixi	Gu	University Of Queensland	1. Structural Biology
Sunday 02/12	48	411	Structural insights into the electron/proton transfer pathways in the quinol:fumarate reductase from Desulfovibrio gigas	Hong-Hsiang	Guan	National Synchrotron Radiation Research Center, Taiwan	1. Structural Biology
Sunday 02/12	49	90	Inhibition of strigolactone receptors by N-phenylanthranilic acid derivatives	Cyril	Hamiaux	Plant & Food Research	4. Other
Sunday 02/12	50	420	Transcriptional regulation of Fe-S cluster biogenesis in Mycobacterium tuberculosis	Steph	Stuteley	The University of Auckland	1. Structural Biology
Sunday 02/12	51	35	Structural basis for the regulation by novel chemical compounds involved in strigolactone signaling	Kei	Hirabayashi	The University of Tokyo	1. Structural Biology
Sunday 02/12	52	405	Neutron crystal structure studies of the oxidized form of NADH-cytochrome b5 reductase	Yu	Hirano	National Institutes for Quantum and Radiological Science and Technology	1. Structural Biology
Sunday 02/12	53	378	Crystal structure and putative endopeptidase mechanism of endolysin LysB4 from Bacillus cereus-infecting bacteriophage B4	Seokho	Hong	Seoul National University	4. Other
Sunday 02/12	54	169	Understanding the role of the Scribble PDZ domains in cell polarity regulation	Jing Yuan	How	La Trobe University	1. Structural Biology
Sunday 02/12	55	48	Structure and function of proteins involved in targeting of tail-anchored membrane proteins to the membrane of ER or chloroplast	Chwan-deng	Hsiao	Institute Of Molecular Biology, Academia Sinica	1. Structural Biology
Sunday 02/12	56	54	Structure and function of alginate lyase from Paenibacillus sp. str. FPU-7	Takafumi	Itoh	Fukui Prefectural University	1. Structural Biology
Sunday 02/12	58	173	Structure of a periplasmic ligand-binding domain from the plant pathogen Pseudomonas syringae pv actinidiae: a SAD adventure	Geoffrey	Jameson	Massey University	1. Structural Biology
Sunday 02/12	59	410	Anti-cancer virus fits target tumor receptor like a "key in a lock"	Nadishka	Jayawardena	University of Otago	1. Structural Biology
Sunday 02/12	60	412	Symmetric and asymmetric oligomer conformations of HslV, protease component of ATP dependent proteasome from Staphylococcus aureus	Soyeon	Jeong	Seoul National University	4. Other
Sunday 02/12	61	45	M. tuberculosis Histidinol phosphate phosphatase – Identification and functional and structural characterization	Bhavya	Jha	National Institute Of Immunology, New Delhi, India	1. Structural Biology
Sunday 02/12	62	427	Irreversible inhibition of FGFR1	Maria	Kalyukina	The University of Auckland	
Sunday 02/12	63	258	STRUCTURAL INVESTIGATIONS INTO THE AVIAN MHC-I LIKE PROTEIN YF1*7.1	Yogesh	Khandokar	Monash University	1. Structural Biology
Sunday 02/12	65	310	Structural analysis on substrate recognition of methylated DNA repair enzyme	Makiko	Kikuchi	Iwaki Meisei University	1. Structural Biology
Sunday 02/12	66	418	Structure of regulatory domain of MexT, the LysR-type transcriptional regulator of the MexEF-OprN multidrug efflux pump in Pseudomonas aeruginosa	Suhyeon	Kim	Seoul National University	4. Other
Sunday 02/12	67	353	The neutron structure analysis of the protein crystal deuterated with unfolding-refolding processes	Akiko	Kita	Kyoto University	4. Other
Sunday 02/12	68	156	Investigating the dynamic and complex oligomeric states of aldehyde dehydrogenase 7A1	David	Korasick	University Of Missouri-Columbia	1. Structural Biology
Sunday 02/12	69	248	Zinc-induced polymerization of human SFPQ protein	Mihwa	Lee	La Trobe University	1. Structural Biology
Sunday 02/12	70	147	Structural and mechanistic studies of Mycobacterium tuberculosis isocitrate lyase 2	Ivanhoe	Leung	The University Of Auckland	1. Structural Biology
Sunday 02/12	72	317	Structural analysis of the non-heme dioxygenase AsqJ from Aspergillus nidulans	Hsuan-jen	Liao	College Of Medicine, National Taiwan University	1. Structural Biology
Sunday 02/12	73	419	Structural Studies of the Fish Cytokines, TNF-α from Orange-Spotted Grouper	Shih-Ming	Lin	Department of Biotechnology and Bioindustry Sciences, National Cheng Kung	1. Structural Biology
Sunday 02/12	74	433	Crystal structure of fibroblast growth factor receptors 1 and 4 in complex with BLU554 and novel 2 aminopyrimidine derivatives reveal off-target mechanism in FGFR4 inhibition	Sean	Lin	The University of Auckland	
Sunday 02/12	75	64	The structural basis of reversible fibril involved in phase separation and neurodegenerative diseases	Cong	Liu	Interdisciplinary Research Center On Biology And Chemistry, Chinese Academ	1. Structural Biology
Sunday 02/12	76	380	An On-Pathway Conformation toward the Assembly of Type IIA Topoisomerase DNA-gate	Koting	Liu	National Taiwan University	1. Structural Biology
Sunday 02/12	77	172	The complex of a TetR-family transcriptional repressor with its target DNA demonstrates the role of indirect reading in sequence recognition.	Shaun	Lott	The University of Auckland	1. Structural Biology
Sunday 02/12	79	153	Structural characterisation of mitochondrial Complex IV assembly factors	Shadi	Maghool	La Trobe University	1. Structural Biology
Sunday 02/12	80	393	Metal-dependent dynamic equilibrium: A mechanism for regulation of the Plasmodium M17 aminopeptidases?	Tess	Malcolm	Monash University	1. Structural Biology
Sunday 02/12	81	174	Regulation of E2s: a role for additional ubiquitin binding sites?	Adam	Middleton	University Of Otago	1. Structural Biology
Sunday 02/12	82	369	Crystal structure of the branched-chain polyamine synthase	Eiichi	Mizohata	Osaka University	1. Structural Biology
Sunday 02/12	83	6	XtaLAB Synergy: A versatile instrument for small molecule, protein and powder diffraction	Angela	Criswell	Rigaku Oxford Diffraction	1. Structural Biology
Sunday 02/12	84	350	Structure, function and regulation of human NAD-dependent isocitrate dehydrogenase	Jianping	Ding	Chinese Academy Of Sciences	1. Structural Biology
Sunday 02/12	86	158	Preparation and structural studies of oriented films of hexagonal ferrites	Radomír	Kužel	Charles University, Faculty of Mathematics and Physics	2. Chemical Crystallography/Materials
Sunday 02/12	87	334	Steric influences on the structure of coordination polymers	Nicholas	Kyratzis	Monash University	2. Chemical Crystallography/Materials
Sunday 02/12	88	280	Effect of halo substitution on solid state thermochromism and reverse photochromism of spirobenzopyran in the channels of Zn-MOF-74	Randika	Lakmali	University Of Peradeniya	2. Chemical Crystallography/Materials
Sunday 02/12	89	366	Layered metal oxide photocatalyst for hydrogen evolution	Junwei	Li	The University of Sydney	2. Chemical Crystallography/Materials
Sunday 02/12	90	281	Luminescent Zn(II) coordination polymers as efficiently fluorescent sensors for highly sensitive detection of explosive nitroaromatics	Kuo Shun	Liao	National Chi Nan University	2. Chemical Crystallography/Materials
Sunday 02/12	91	???	Structural changes in stimuli-responsive compounds	Ena	Luis	UNSW Sydney	2. Chemical Crystallography/Materials
Sunday 02/12	93	231	Variation of crystal packing motifs in host-guest directed self-assembly of p-sulfonatocalix[n]arene multi-component systems	Irene	Ling	Monash University Malaysia	2. Chemical Crystallography/Materials
Sunday 02/12	94	119	Combined TEM & XRD study of layered oxides	JIATU	LIU	JIATU LIU	2. Chemical Crystallography/Materials
Sunday 02/12	95	191	Stimuli-Responsive Metal-Organic Frameworks (MOFs) and 2D MOF Nanosheets (MONs) by Rational Organic Linker Design	Vijay Kumar	Maka	Indian Institute Of Technology Kanpur	2. Chemical Crystallography/Materials
Sunday 02/12	96	364	Towards Co-Crystallisation of Triple Hydrogen Bond Containing Complexes	Aidan	Mckay	University Of Otago	2. Chemical Crystallography/Materials
Sunday 02/12	97	409	Structure analysis on semicalthrate hydrate of tetra-n-butylammonium glycolate	Sanehiro	Muromachi	Research Institute Of Energy Frontier (nief), National Institute Of Advanced In	2. Chemical Crystallography/Materials
Sunday 02/12	98	279	Arylsulfonyl Derivatives of 11-Azaartemisinin: Approaching New Polymorphs via Seeds of Molecular Analogues	Madiha	Nisar	Hong Kong University Of Science And Technology	2. Chemical Crystallography/Materials
Sunday 02/12	100	101	Differences between observed and theoretical structure factors.	Eiji	Nishibori	University Of Tsukuba	2. Chemical Crystallography/Materials
Sunday 02/12	101	368	Dehydration Mechanism of pharmaceutical hydrate crystals: Quinine Hydrochloride and hydrobromide	Shin	Nogami	Department Of Chemistry, Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Sunday 02/12	102	282	Effect of Mo Addition on the Phase Transitions of Fe-Mn Elinvar Alloy	Ayu	Nur Ika Puji	Sokendai - IMSS, KEK, Japan	2. Chemical Crystallography/Materials

Sunday 02/12	**103**	392	Chiralization of β-cyanopropyl Cobaloxime Complexes by Photo-irradiation	Rikako	Ohashi	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Sunday 02/12	**104**	200	Crystal and solution structures of polyoxometalates and related clusters	Tomoji	Ozeki	Nihon University	2. Chemical Crystallography/Materials
Sunday 02/12	**105**	40	Impact of Tempering Temperature on the Properties of Steel: An In-situ X-ray Diffraction Studv	Andreas	Pein	Anton-Paar GmbH	2. Chemical Crystallography/Materials
Sunday 02/12	**107**	186	The need for correlation coefficients in the modeling of stacking faulted crystal structures.	Alan David	Rae	Research School Of Chemistry Anu	2. Chemical Crystallography/Materials
Sunday 02/12	**108**	120	Investigating Guest Uptake in Sc2BDC3 Using XRD, DFT and GCMC Methods	Jonathan	Richardson	University of Edinburgh	2. Chemical Crystallography/Materials
Sunday 02/12	**109**	376	Cocrystallization of Curcumin with Benzenediols and Triols	Monalisa	Roy	Hong Kong University Of Science And Technology	2. Chemical Crystallography/Materials
Sunday 02/12	**110**	293	Tandem Crystallization Strategies for Resolution of Trifluorolactic Acid [CF3CH(OH)COOH] by Chiral Benzylamines	Ian	Williams	Hkust	2. Chemical Crystallography/Materials
Sunday 02/12	**111**	294	The Low-Temperature High-Symmetry Phase of C6Me6	Ian	Williams	Hkust	2. Chemical Crystallography/Materials
Sunday 02/12	**112**	300	Solvate Structures of the Pharmaceutical Wogonin	Ian	Williams	Hkust	2. Chemical Crystallography/Materials
Sunday 02/12	**114**	198	A Brief History of Synchrotron Beamline Instrumentation and the Bright Future that Awaits	William	Shepard	Synchrotron Soleil	4. Other
Sunday 02/12	**115**	188	Tools to help you collect better data - new processing features at the Australian Synchrotron MX beamlines	Jun	Aishima	Ansto	4. Other
Sunday 02/12	**116**	286	Recent and future developments on the Australian Synchrotron bending magnet beamline MX1 paint a bright future	David	Aragao	Ansto, Australian Synchrotron	3. Frontier Methods
Sunday 02/12	**117**	132	The MX3 beamline at the Australian Synchrotron	Tom	Caradoc-davies	Australian Synchrotron	3. Frontier Methods
Sunday 02/12	**118**	404	SBA-15-supported Pd catalysts studied with synchrotron radiation: the application on benzyl alcohol oxidation	Jin-Ming	Chen	National Synchrotron Radiation Research Center	3. Frontier Methods
Sunday 02/12	**119**	389	Structural characterization through synchrotron high-resolution powder diffraction	Yu-Chun	Chuang	National Synchrotron Radiation Research Center	3. Frontier Methods
Sunday 02/12	**121**	352	Observation of crystalline-phase distribution by confocal X-ray diffractometer	Hiromi	Eba	Tokyo City University	3. Frontier Methods
Sunday 02/12	**122**	8	Metalist Source for High-Throughput Screening in the Home Laboratory	Emil	Espes	Excillum AB	3. Frontier Methods
Sunday 02/12	**123**	303	X-ray spectroscopic studies of Ni3TeO6 single crystal	Anirudha	Ghosh	Tamkang University	3. Frontier Methods
Sunday 02/12	**124**	161	Preparing Canada's crystallography beamlines for the future	Pawel	Grochulski	Canadian Light Source Inc.	3. Frontier Methods
Sunday 02/12	**125**	23	Towards user free beamtime – automating macromolecular crystallography at Diamond Light Source	Dave	Hall	Diamond Light Source	3. Frontier Methods
Sunday 02/12	**126**	381	New methods emphasizing on SAD phasing and automatic model building of membrane proteins at low resolution	Pu	Han	Institute Of Physics, chinese Academy Of Sciences	3. Frontier Methods
Sunday 02/12	**128**	361	Semi-automated generation of nonpolar and stoichiometric slab-and-vacuum models of the spinel structure	Yoyo	Hinuma	Chiba University	3. Frontier Methods
Sunday 02/12	**129**	329	Sample Preparation Assist Robot for Protein Crystallography	Masahiko	Hiraki	Mechanical Engineering Center, Kek	4. Other
Sunday 02/12	**130**	197	Structural modeling of metal nanoparticles by x-ray total scattering data	Satoshi	Hiroi	National Institute For Materials Science	3. Frontier Methods
Sunday 02/12	**131**	250	Automation of deconvolution-convolution treatment on powder X-ray diffraction data	Takashi	Ida	Nagoya Institute of Technology	3. Frontier Methods
Sunday 02/12	**132**	80	jsCofE, a CCP4 Cloud Application for structure solution in distributed computing environment	Eugene	Krissinel	CCP4, Science and Technology Facilities Council Uk	4. Other
Sunday 02/12	**133**	128	Nanodiffraction Beamline at Taiwan Photon Source for Multi-Modal Nanoscale Imaging on Materials Science	Ching-Shun	Ku	National Synchrotron Radiation Research Center	3. Frontier Methods
Monday 03/12	**1**	241	Luminescent Multi-functional Imidazole Based Cu and Cd MOFs for Sorption, Sensing and Catalytic Application	Sharad Kumar	Sachan	Indian Institute Of Technology, Kanpur	2. Chemical Crystallography/Materials
Monday 03/12	**2**	400	Structural phase transition in hydrogen-bonded co-crystals of 1,4-diazabicyclo[2.2.2]octane and some naphthalenediols	Hideki	Saitoh	Saitama University	2. Chemical Crystallography/Materials
Monday 03/12	**3**	116	Covalent bonding character of d-electron of molybdenum from synchrotron X-ray diffraction	Tomoaki	Sasaki	University Of Tsukuba	2. Chemical Crystallography/Materials
Monday 03/12	**4**	383	Control of solid state photochromism utilizing multiple step crystalline photoisomerization	Kenzo	Sawada	Tokyo Institute of Technology	2. Chemical Crystallography/Materials
Monday 03/12	**5**	187	In situ Control of Photochromism in Spiropyran Derivatives by Crystalline-State Photoreaction	AKIKO	SEKINE	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Monday 03/12	**6**	84	Unusual 2D→3D Single-Crystal to Single-Crystal Transformation and Multifarious Techniques of Characterization	Vivekanand	Sharma	Indian Institute Of Technology Kanpur, India	2. Chemical Crystallography/Materials
Monday 03/12	**7**	421	Crystal structure and aqueous solubility of norfloxacin treated by high-pressure CO2	Yusuke	Shimoyama	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Monday 03/12	**8**	416	In-situ CO2 gas sorption and SCSC transformation of new azamacrocyclic complexes	Jong Won	Shin	Korea Institute of Science And Technology Information	2. Chemical Crystallography/Materials
Monday 03/12	**9**	359	Decomposition products of the spherical Keplerate type polyoxometalate	Yuichi	Shiokawa	Nihon University	2. Chemical Crystallography/Materials
Monday 03/12	**10**	255	Stuctures of butt-fusion joint in HDPE pipes as studied by wide and small angle X-ray scatterine	Hyun Hoon	Song	Hannam University	4. Other
Monday 03/12	**11**	41	Reduction of dopant atoms and enhancement of ferromagnetism by x-ray and UV irradiation in Ce-doped TiO2	Yun-Liang	Soo	Department Of Physics, National Tsing Hua University	2. Chemical Crystallography/Materials
Monday 03/12	**12**	67	Template Synthesis and Structure of Eight-Membered Cu4I4 Ring Crown Motif from Dithiolate Complex	Kunihisa	Sugimoto	Japan Synchrotron Radiation Research Institute	2. Chemical Crystallography/Materials
Monday 03/12	**13**	296	Crystallinity and orientation of micro-crystals in ultrathin biodegradable polymer blend films	Isao	Takahashi	Kwansei Gakuin University	2. Chemical Crystallography/Materials
Monday 03/12	**14**	371	Dehydration mechanism of drug crystal: A new classification of hydrates by kinetic behavior	Michiko	Takahashi	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Monday 03/12	**15**	313	Structural Instability and Improper Ferroelectricity in Aluminate-Sodalite-type Oxides	Hiroki	Taniguchi	Nagoya Univ.	2. Chemical Crystallography/Materials
Monday 03/12	**16**	399	Chirality Control of Triglycine sulfate Crystals by Amino acids	Yukana	Terasawa	Waseda University	2. Chemical Crystallography/Materials
Monday 03/12	**17**	223	The Hierarchical Self-Assembly of a Functionalised M4L6 Tetrahedral Cage	Amy	Thompson	The University Of Queensland	2. Chemical Crystallography/Materials
Monday 03/12	**18**	127	Quantification of amorphous content in mixtures using the direct derivation method	Hideo	Toraya	Rigaku Corporation	2. Chemical Crystallography/Materials
Monday 03/12	**19**	260	Analogous nickel(II) and cobalt(II) metal–organic frameworks showing influence of framework metal ion on the dye removal properties from water	Meng Jung	Tsai	National Chi Nan University	2. Chemical Crystallography/Materials
Monday 03/12	**20**	387	Structural study of sustained release of bisphenol inclusion compounds with fragrant monoterpene alcohols	Takuya	Ueno	Tokyo Institute Of Technology	2. Chemical Crystallography/Materials
Monday 03/12	**21**	413	Structural Studies of the interaction between PTP1B and the Janus Kinases	Rhiannon	Morris	Walter And Eliza Hall Institute	1. Structural Biology
Monday 03/12	**22**	373	Phactr1 contains an atypical RVxF motif competitively binding to PP1 or G-actin	Stephane	Mouilleron	The Francis Crick Institute	1. Structural Biology
Monday 03/12	**23**	385	Toward elucidation of substrate recognition mechanism of PAD isozymes	Anna	Nagai	Ibaraki University	1. Structural Biology
Monday 03/12	**24**						
Monday 03/12	**25**	298	Decameric and dodecameric structures of archaeal peroxiredoxins	Tsutomu	Nakamura	National Institute Of Advanced Industrial Science And Technology	1. Structural Biology
Monday 03/12	**26**	339	Characterisation of the UIM domain in RNF114	Khanh	Nguyen	University Of Otago	1. Structural Biology
Monday 03/12	**27**	386	Regulation of ubiquitin transfer by Ark2C	Andrej	Paluda	University of Otago	1. Structural Biology
Monday 03/12	**28**	110	Assembly and function of two interacting oncogenic pseudokinase scaffolds	Onisha	Patel	Walter And Eliza Hall Institute Of Medical Research	1. Structural Biology
Monday 03/12	**29**	157	Alternative approaches to synchrotron X-ray diffraction data collection	Neil	Paterson	Diamond Light Source	1. Structural Biology
Monday 03/12	**30**	189	Developing selective inhibitors to MYST histone acetyltransferases	Tom	Peat	Csiro	1. Structural Biology
Monday 03/12	**31**	322	Phototoxic Orange Fluorescent Proteins	Sergei	Pletnev	National Cancer Institute, NIH	1. Structural Biology
Monday 03/12	**32**	42	Targeting TIR domain assemblies in TLR signalling pathways to design anti-inflammatory compounds	Md Habibur	Rahaman	UQ	1. Structural Biology
Monday 03/12	**33**	304	Biochemical and structural characterisation of a SGNH hydrolase from Anabaena sp.	Harsha	Rammohan	Indian Institute Of Technology Madras	1. Structural Biology
Monday 03/12	**34**	402	MenJ, a novel oxidoreductase involved in menaquinone biosynthesis that is essential for oathogenesis in Mycobacterium tuberculosis	George	Randall	The University of Auckland	1. Structural Biology
Monday 03/12	**35**	375	Investigation of lysozyme-like proteins from Trichomonas vaginalis	David	Reeves	University Of Auckland	1. Structural Biology
Monday 03/12	**36**	355	Crystal structure of inositol 1,3,4,5,6-pentakisphosphate 2-kinase from Cryptococcus neoformans	Sangkee	Rhee	Seoul National University	1. Structural Biology
Monday 03/12	**37**	49	Ensemble properties of BAX determine its function	Adeline	Robin	Walter And Eliza Hall Institute of Medical Research	1. Structural Biology
Monday 03/12	**38**	274	Crystal structure of the H3.3 histone chaperone complex subunit HIRA and its functional role	Yukari	Sato	Tohoku University	1. Structural Biology
Monday 03/12	**39**	432	Molecular dynamics insights into KstR transcriptional regulator function	Shamim	Shadfar	Massey University	
Monday 03/12	**40**	379	Structural-based inhibition studies of phosphatidylcholine-specific phospholipase C	Nabangshu	Sharma	University Of Auckland	1. Structural Biology
Monday 03/12	**41**	295	Structural basis of RhoA recognition by unique guanine nucleotide exchange factor SmgGDS	Hikaru	Shimizu	Graduate School Of Pharmaceutical Science, The University Of Tokyo	1. Structural Biology
Monday 03/12	**42**	108	Structure determination of HldC from Yersinia pseudotuberculosis	Donghae	Shin	Ewha Womans University	1. Structural Biology
Monday 03/12	**43**	109	Structure determination of HldC from Burkholderia pseudomallei	Donghae	Shin	Ewha Womans University	1. Structural Biology
Monday 03/12	**44**	390	Applying Nanodisc Technology and EM to determine the structures of Odorant Receptors	Paritosh	Dayal	University Of Auckland	1. Structural Biology
Monday 03/12	**45**	164	Structural insights into product release domains of non-ribosomal peptide synthetases	Sandesh	Deshpande	The University of Auckland	1. Structural Biology
Monday 03/12	**46**	87	Structural studies on carbapenem-hydrolyzing class D serine β-lactamases from Acinetobacter baumannii	Clyde	Smith	Stanford University	1. Structural Biology
Monday 03/12	**47**	398	Battling resistance to the last-line of defence antibiotics by targeting MCR-1	Soo Jung (Aimee)	Son	The University of Auckland	1. Structural Biology
Monday 03/12	**48**	351	Crystal structure of TAZ-TEAD complex reveals a distinct interaction mode from that of YAP-TEAD complex	Haiwei	Song	Institute Of Molecular And Cell Biology, A*star, Singapore	1. Structural Biology
Monday 03/12	**49**	423	Analysis of the filamentous type II Chaperonin from Sulfolobus solfataricus by crystallography and cryo-EM	Alastair	Stewart	The Victor Chang Cardiac Research Institute	1. Structural Biology
Monday 03/12	**50**	417	Structural studies of viroplasm major component protein Pns12 from Rice Dwarf Virus	Akifumi	Higashiura	Hiroshima University	1. Structural Biology
Monday 03/12	**52**	391	Structural basis of ascorbate-dependent iron reduction by human duodenal cytochrome b (Dcytb) involved in intestinal iron absorption	Hiroshi	Sugimoto	RIKEN SPring-8 Center	1. Structural Biology
Monday 03/12	**53**	237	Organometallic Complexes and their Side Chain Specific Reactions with a Model Protein	Matthew	Sullivan	University Of Auckland	1. Structural Biology
Monday 03/12	**54**	372	Insights into the chromosome partitioning system, ParABS	Yuh-ju	Sun	Institute Of Bioinformatics And Structural Biology, National Tsing Hua Univer	1. Structural Biology
Monday 03/12	**55**	426	Interactions at the centre of TRIM28 targeted transcriptional silencing of retroviral pathogens	Eugene	Sun	University of Auckland	
Monday 03/12	**56**	226	A structural insight into NRZ mediated apoptosis regulation in zebrafish	Chathura	Suraweera	Latrobe University	1. Structural Biology
Monday 03/12	**58**	335	Characterizing the interaction between Fv1 and members of the mammalian ATG8 family	Jamie	Taka	The University Of Auckland	1. Structural Biology
Monday 03/12	**59**	367	Improving the low-temperature activity of β-mannanase based on its structural information	Taro	Tamada	National Institutes For Quantum And Radiological Science And Technology	1. Structural Biology
Monday 03/12	**60**	162	Structural basis for modulating ERp44 chaperone activity with designed peptides	Henry	Tang	University Of Auckland	1. Structural Biology
Monday 03/12	**61**	219	The First Structure of Enigmatic Aldehyde Dehydrogenase 16	John	Tanner	University Of Missouri	1. Structural Biology
Monday 03/12	**62**	289	Structural insights into the allosteric binding sites of the M5 muscarinic acetylcholine receptor	David	Thal	Monash Institute of Pharmaceutical Sciences	1. Structural Biology
Monday 03/12	**63**	299	Crystal structure of PCAF-homology domain of GCN5 reveals its unique structure as ubiquitin E3 ligase	Sachiko	Toma-fukai	University Of Tokyo	1. Structural Biology
Monday 03/12	**65**	275	Smallpox virus chemokine-binding protein: a potential therapeutic approach	Elham	Torbati	Otago University	1. Structural Biology
Monday 03/12	**66**	154	Novel antigen-binding chimeric proteins as tolls in crystallography and cryo-EM.	Tomasz	Uchański	Vrije Universiteit Brussel	1. Structural Biology
Monday 03/12	**67**	136	Structural characterisation of bacterial copper resistance	Saumya	Udagedara	La Trobe University, Melbourne, Australia	1. Structural Biology
Monday 03/12	**68**	236	Deciphering how bacteria eat algae - structural and functional characterization of ulvan degrading lyases	ThirumalaiSelvi	Ulaganathan	University Of Saskatchewan	1. Structural Biology
Monday 03/12	**69**	271	Crystal structure of the substrate bound form of biliverdin reductase with unpredicted substrate-stacked geometry revealed unique reaction mechanism	Kei	Wada	University of Miyazaki	1. Structural Biology
Monday 03/12	**70**	138	Molecular architecture of the E. faecalis anti-termination protein EutV bound to RNA	James	Walshe	The University Of Sydney	1. Structural Biology
Monday 03/12	**72**	283	Structure studies of the Fam20 kinases	Junyu	Xiao	Peking University	1. Structural Biology
Monday 03/12	**73**	115	Structural basis for reactivating the mutant TERT promoter by cooperative binding of p52 and ETS1	Xueyong	Xu	Institute Of Molecular And Cell Biology	1. Structural Biology
Monday 03/12	**74**	273	Comprehensive structural studies reveal the evolution of strigolactone/karrikin selectivity of HTL and D14 in Striga	Yuqun	Xu	University Of Tokyo	1. Structural Biology

Monday 03/12	**75**	337	Status of neutron time-of-flight single-crystal diffraction data processing software STARGazer	Naomine	Yano	Frontier Research Center for Applied Atomic Sciences, Ibaraki University	1. Structural Biology
Monday 03/12	**76**	79	Crystal Structure and Enantioselectivity of Terpene Cyclization in SAM Dependent Methyltransferase TleD	Feng	Yu	Shanghai Institute of Applied Physics, CAS	1. Structural Biology
Monday 03/12	**77**	348	Structural basis for Ragulator and EGO-TC functioning as scaffolds in membrane-anchoring of Rag/GTR GTPases	Tianlong	Zhang	Chinese Academy Of Sciences	1. Structural Biology
Monday 03/12	**79**	349	Recognition mechanism and inhibition of DNA targeting by CRISPR-Cas systems	Tianlong	Zhang	Chinese Academy Of Sciences	1. Structural Biology
Monday 03/12	**80**	370	Structure analysis of seven disease-causing mutants of human lipoamide dehydrogenase	Attila	Ambrus	Department Of Medical Biochemistry, Semmelweis University, Budapest, Hur	1. Structural Biology
Monday 03/12	**81**	99	Structural Evidence for Transient Binding of Water Molecules in the Active Site of Bacillus sp. TB-90 Urate Oxidase.	Takao	Hibi	Fukui Prefectural University	1. Structural Biology
Monday 03/12	**82**	388	Crystallization of Human Erythrocyte Band 3, the anion exchanger, under microgravity at the International Space Station	Koji	Inaka	Maruwa Foods and Biosciences, Inc.	1. Structural Biology
Monday 03/12	**83**	215	EXPLORING THE LANDSCAPE OF BIOLOGICAL SOLUTIONS WITH THE BioSAXS-2000nano	Angela	Criswell	Rigaku Oxford Diffraction	1. Structural Biology
Monday 03/12	**84**	436	Structural study of translocation domain of tetanus neurotoxin	Yoshihiro	Imoto	Department of Applied Chemistry, Graduate School of Engineering, Osaka Un	1. Structural Biology
Monday 03/12	**86**	47	Determination of dopant induced lattice deformations in polymer composites: Variation co-efficients as a function of concentration	THEJAS GOPAL KRISHNE	URS	Center For Materials Science, University of Mysore	2. Chemical Crystallography/Materials
Monday 03/12	**87**	253	Mixed valence iron-chloranilate coordination polymers incorporating redox active cations	Martin	Van Koeverden	School Of Chemistry, The University Of Melbourne	2. Chemical Crystallography/Materials
Monday 03/12	**88**	319	Supramolecular architectures of the Cu(II) and Cu(I) halopyrazine complexes	Aleksandar	VISNJEVAC	Institut Rudjer Boskovic	2. Chemical Crystallography/Materials
Monday 03/12	**89**	77	From Functional Interpenetrating Polymer Networks to Guests Interpenetration/Impregnation in Metal-organic Frameworks	Tiesheng	Wang	University Of Cambridge	2. Chemical Crystallography/Materials
Monday 03/12	**90**	97	Simulation of diffuse scattering in DL-norleucine	Richard	Welberry	Research School Of Chemistry, Australian National University	4. Other
Monday 03/12	**91**	163	The Hierarchical Self-Assembly of Metal-Organic Frameworks from an M4L6 Tetrahedron Cage	Jacob	Whittaker	The University Of Queensland	2. Chemical Crystallography/Materials
Monday 03/12	**92**	358	Efficient CO2 Separation Using Mixed-Matrix Membranes with Metal-Organic Polyhedra	Hyunuk	Kim	Korea Institute Of Energy Research	2. Chemical Crystallography/Materials
Monday 03/12	**93**	82	Hydration mechanisms and proton conduction in the mixed ionic-electronic conductors Ba4Nb2O9 and Ba4Ta2O9	Chris	Ling	The University Of Sydney	2. Chemical Crystallography/Materials
Monday 03/12	**94**	297	Tandem Crystallization Strategies for Resolution of Trifluoro-lactic Acid [CF3C(OH)COOH] by Chiral Benzylamines	Lawrence W-Y.	Wong	The Hong Kong University Of Science And Technology, Hong Kong	2. Chemical Crystallography/Materials
Monday 03/12	**95**	259	Fluorescent cadmium bipillared-layer open frameworks: synthesis, structures, sensing of nitro compounds, capture of volatile iodine, and CO2 uptake	Jing-Yun	Wu	National Chi Nan University	2. Chemical Crystallography/Materials
Monday 03/12	**96**	394	Micro-crystal X-ray Diffraction Beamline - Advanced and Non-ambient Crystallography	Lai-Chin	Wu	National Synchrotron Radiation Research Center	2. Chemical Crystallography/Materials
Monday 03/12	**97**	327	Magnetic Phase Transitions of New Sodium-ion Battery Cathode Na4Ni7(PO4)6	Qingbo	Xia	The University of Sydney, Australia	2. Chemical Crystallography/Materials
Monday 03/12	**98**	340	Non-3d Metal Modulation of Cobalt Imidazolate Framework	Yan-tong	Xu	Sun Yat-sen University	2. Chemical Crystallography/Materials
Monday 03/12	**99**	332	Coordination Polymers Based on Linear Benzobisimidazole Ligands: Structure and Porous Properties	wei	xue	Sun Yat-Sen University	2. Chemical Crystallography/Materials
Monday 03/12	**100**	262	Study on the co-crystal of donepezil and valsartan	Shiying	Yang	Institute Of Materia Medica, Chinese Academy Of Medical Sciences & Peking	2. Chemical Crystallography/Materials
Monday 03/12	**101**	263	A New Co-crystal of Berberine Hydrochloride	Shiying	Yang	Institute Of Materia Medica, Chinese Academy Of Medical Sciences & Peking	2. Chemical Crystallography/Materials
Monday 03/12	**102**	131	Thiocarbamate complexes: Au…O/π and Arene-C-H…π(quasi chelate ring) interactions	Chien Ing	Yeo	Sunway University Sdn Bhd	4. Other
Monday 03/12	**103**	415	Dynamics and Static Structure Study of Lithium-ion Diffusion of Super Lithium-ion Conductor	Masao	Yonemura	High Energy Accelerator Research Organization (kek)	2. Chemical Crystallography/Materials
Monday 03/12	**104**	316	Crystal chemistry of pyrite-type compounds and single crystal structure analyses of FeS2, MnS2, MnSe2 and MnTe2	Akira	Yoshiasa	Kumamoto University	2. Chemical Crystallography/Materials
Monday 03/12	**105**	395	The New Chromium Thiophosphate Cluster via Two-Step Solid and Solution State Reactions.	Hoseop	Yun	Ajou University	2. Chemical Crystallography/Materials
Monday 03/12	**106**	11	Domain Structures and Growth Dynamics in Nano-materials	He	Zheng	Wuhan University	2. Chemical Crystallography/Materials
Monday 03/12	**107**	270	MOF Isomerism due to Guest Molecules: Three Distinct Forms of [Cd(BzIm)2] All with ABW-Topology	Wentao	Zhou	The Hong Kong University Of Science And Technology	2. Chemical Crystallography/Materials
Monday 03/12	**108**	266	Engineering tailored fluorescent Zn-based pillared-layer frameworks: synthesis, structures, CO2 uptake, and nitro-analyte sensing	Po Min	Chuang	National Chi Nan University	2. Chemical Crystallography/Materials
Monday 03/12	**109**	73	Effects of Seeding Polymorphs and Environmental Factors on the Crystallization of Celecoxib	Seong Hoon	Jeong	Dongguk University	2. Chemical Crystallography/Materials
Monday 03/12	**110**	338	Hierarchically porous adamantane-shaped carbon nanoframes	Sang Hoon	Joo	Ulsan National Institute Of Science And Technology (unist)	2. Chemical Crystallography/Materials
Monday 03/12	**111**	301	Crystal Engineering of Chiral Space using Assemblies of Tartramide-based Spiroborate Anions [B(L-TarNH2)2]-	Ian	Williams	Hkust	2. Chemical Crystallography/Materials
Monday 03/12	**112**	302	Crystal Engineering the Resolution of a Chiral Amine using A Family of Spiroborate Anions	Ian	Williams	Hkust	2. Chemical Crystallography/Materials
Monday 03/12	**113**	269	Insights into the catalytic activity of post-synthetically metalated Zr-based Metal-organic Frameworks	Oliver	Linder-Patton	The University Of Adelaide	2. Chemical Crystallography/Materials
Monday 03/12	**114**	216	PROXIMA 2A: Striking a Balance between Automation and Human Intervention or How to Treat your Precious Crystals with TLC	William	Shepard	Synchrotron Soleil	4. Other
Monday 03/12	**115**	309	Acquirement and measurement of Micro-focused beam for MX at SSRF	Ke	Liu	Shanghai Institute of Applied Physics, CAS	3. Frontier Methods
Monday 03/12	**116**	407	Application of Virtual Screening with Crystallography	Oi Wei	Mak	School of Chemical Sciences, The University of Auckland	4. Other
Monday 03/12	**117**	160	CrystalDirect-to-Beam: Opening the shortest path from crystal to data	Andrew	McCarthy	European Molecular Biology Laboratory	3. Frontier Methods
Monday 03/12	**118**	28	PHOTON III: Mixed Mode Pixel Array Detector for the XFEL and Home Laboratories	Vernon	Smith	Bruker	
Monday 03/12	**119**	150	Neutron Diffraction Information from Standard X-ray Data: Hirshfeld Atom Refinement and Olex2	Horst	Puschmann	Olexsys Ltd	3. Frontier Methods
Monday 03/12	**121**	363	A new On-Axis Video microscope for high-throughput MX-Crystallography	Ralf	Siebrecht	Arinax Scientific Instrumentation	3. Frontier Methods
Monday 03/12	**122**	31	Shine Bright Like a Diamond: Microfocus X-ray Sealed Tube Sources with Diamond Hybrid Anode Technology	Prathapa	Siriyara Jagannatha	Bruker	4. Other
Monday 03/12	**123**	190	Chemical Crystallography at the Australian Synchrotron MX Beamlines	Rachel	Williamson	Ansto	3. Frontier Methods
Monday 03/12	**124**	430	Fully automated data collection system at the Photon Factory macromolecular crystallography beamlines	Yusuke	Yamada	High Energy Accelerator Research Organization	
Monday 03/12	**125**	32	IDEAL - Invariom Derived Electron AnaLysis for APEX3	Kenji	Yoza	Bruker Axs	3. Frontier Methods
Monday 03/12	**126**	29	Development of Automated Home-Lab Beamlines	Zhenyi	Zhang	Bruker AXS Beijing	3. Frontier Methods
Monday 03/12	**128**	428	Upgrades on NFPS BL19U1: a protein Complex crystallographic beamline at the SSRF	Weizhe	ZHANG	Shanghai Advanced Research Institute	
Monday 03/12	**129**	429	Small molecule X ray Diffraction Data Acquisition in NFPS BL17B1 at the SSRF	Lanlu	Lu	Ssrf, Sari, Cas	
Monday 03/12	**130**	424	TPS 07A Micro-focus Protein Crystallography Beamline at the National Synchrotron Radiation Research Center	Chun-Hsiang	Huang	National Synchrotron Radiation Research Center	