

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
1	Analytical	Janusz	Pawliszyn	janusz@uwaterloo.ca	36	On-site and In-vivo Instrumentation and Applications	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
1	Analytical	Takashi	Hayashita	ta-hayas@sophia.ac.jp	39	Innovation in Chemical Sensing and Separation Systems toward Advanced Chemical Analysis	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
1	Analytical	Daniel T	Chiu	chiu@chem.washington.edu	56	Recent Advances in Bioanalysis: Ultra-Small Volumes, Global Metabolite Profiling and Single Cells	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
1	Analytical	Kin-ichi	Tsunoda	tsunoda@chem-bio.gunma-u.ac.jp	74	Optical Waveguide Techniques for the Analyses of Materials and Interfaces	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
1	Analytical	Naoki	Furuta	nfuruta@chem.chuo-u.ac.jp	84	New Frontiers of Plasma Spectrochemistry	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
1	Analytical	Tetsuo	Okada	tokada@chem.titech.ac.jp	113	New Frontiers in Separation Science	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
1	Analytical	Yasuji	Muramatsu	murama@eng.u-hyogo.ac.jp	145	Analytical Applications and New Technical Developments of Soft X-Ray Spectroscopy	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
1	Analytical	Takashi	KAKIUCHI	kakiuchi@scl.kyoto-u.ac.jp	166	Ionic Liquids for Analytical Chemistry and Analytical Chemistry for Ionic Liquids	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Sunday, December 19 (Evening)
1	Analytical	Matthew	McCarroll	mmccarroll@chem.siu.edu	181	Fluorescent Sensors by Design	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
1	Analytical	Tadeusz	Gorecki	tgorecki@uwaterloo.ca	191	Comprehensive Multidimensional Separations	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
1	Analytical	Koichi	Aoki	kaoki@u-fukui.ac.jp	193	Electroanalytical Sciences	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
1	Analytical	H. John	Crabtree	john.crabtree@ualberta.ca	198	Microfluidic and Nanofluidic Devices for Chemical and Biochemical Experimentation	Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
1	Analytical	X. Chris	Le	xc.le@ualberta.ca	206	Analytical and Environmental Chemistry in Human Health	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)

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1	Analytical	Ian	McKelvie	ian.mckelvie@sci.monash.edu.au	207	Advances in Flow-based Analytical Techniques	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
1	Analytical	Ray	Clement	ray.clement@ontario.ca	253	Rapid, Multi-Component Environmental Analysis	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
1	Analytical	Koji	Suzuki	suzuki@aplc.keio.ac.jp	255	(Bio-)Chemical/Electrochemical Sensors and Sensing Materials	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
1	Analytical	Hitoshi	Watarai	watarai@chem.sci.osaka-u.ac.jp	260	Novel Applications of Magnetic Fields in Analytical Chemistry	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
1	Analytical	Michael W.	Blades	blades@chem.ubc.ca	276	Non- and Minimally-Invasive Diagnostics of Biological Systems using Vibrational Spectroscopy	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
1	Analytical	Liang	Li	liang.li@ualberta.ca	277	Enabling Mass Spectrometric Techniques for Proteomics	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
2	Inorganic	Felix	Castellano	castell@bgsu.edu	9	Molecular Photonics	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
2	Inorganic	Brendan	Kennedy	b.kennedy@chem.usyd.edu.au	20	Controlling the Structure and Properties of Solids	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
2	Inorganic	Klaus	Theopold	theopold@udel.edu	22	Olefin Oligomerization and Polymerization Catalyzed by Early Transition Metals	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
2	Inorganic	Masahiro	Yamashita	yamasita@agnus.chem.tohoku.ac.jp	25	Functional Molecule-Based Magnets	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)

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2	Inorganic	Janet	Morrow	jmorrow@buffalo.edu	30	Metal Ion Complex Interactions with Nucleic Acids	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
2	Inorganic	Suning	Wang	wangs@chem.queensu.ca	35	Organoboron, Organosilicon and Organophosphorus as Optoelectronic and Energy-related Materials	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Friday, December 17 (Evening)
2	Inorganic	Heino	Nitsche	hnitsche@lbl.gov	38	Actinides and the Environment: A Multidisciplinary Look at What We Know and What We Need to Know	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
2	Inorganic	Frank T.	Edelmann	frank.edelmann@ovgu.de	46	Organo-f-Element Compounds: From Novel Chemical Transformations to Applications in Catalysis and Materials Science	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
2	Inorganic	Mark	MacLachlan	chem.maclachlan@gmail.com	60	Schiff Base Macrocycles and Materials	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
2	Inorganic	Guy	Bertrand	guy.bertrand@ucr.edu	68	Frontiers in Organometallic Chemistry	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
2	Inorganic	Masako	Kato	mkato@sci.hokudai.ac.jp	94	The Construction of Photofunctional Supramolecular Metal Complexes	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
2	Inorganic	Yasushi	Mizobe	ymizobe@iis.u-tokyo.ac.jp	96	Chemistry of Sulfur-Bridged Multimetallic Complexes	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
2	Inorganic	Myunghyun Paik	Suh	mpsuh@snu.ac.kr	97	Syntheses and Applications of Metal-Organic Frameworks	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
2	Inorganic	Phil	Andrews	phil.andrews@sci.monash.edu.au	100	Early Main Group Chemistry	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)

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2	Inorganic	Shinobu	Itoh	shinobu@mls.eng.osaka-u.ac.jp	108	Dioxygen Activation Chemistry and Catalytic Oxidation Reactions	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
2	Inorganic	Shane	Telfer	s.telfer@massey.ac.nz	133	Structural and Functional Aspects of Coordination Polymers	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
2	Inorganic	Takumi	Konno	konno@chem.sci.osaka-u.ac.jp	143	Discrete Coordination Systems with Switchable Structures and Properties	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
2	Inorganic	Kenneth	Caulton	caulton@indiana.edu	146	Advances in Metal-Mediated Bond Activation: From Unusual Bonding Motifs to Applications in Catalysis	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
2	Inorganic	Tamotsu	Takahashi	tamotsu@cat.hokudai.ac.jp	150	Preparation and Reactions of Early Transition Metal and Lanthanide Compounds	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
2	Inorganic	Fumiyuki	Ozawa	ozawa@scl.kyoto-u.ac.jp	156	Functional Molecules of the Heavier Main Group and Transition Metal Elements	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
2	Inorganic	Makoto	Fujita	mfujita@appchem.t.u-tokyo.ac.jp	164	Self-Assembly and Coordination Chemistry	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
2	Inorganic	Takashi	Hayashi	thayashi@chem.eng.osaka-u.ac.jp	173	Molecular Design in Bioinorganic Chemistry	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
2	Inorganic	Hiroshi	Nishihara	nisihara@chem.s.u-tokyo.ac.jp	187	Electron Transfer and Electrochemistry of Transition Metal Containing Inorganic and Organometallic Materials	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
2	Inorganic	Koji	Tanaka	ktanaka@ims.ac.jp	194	Coordination Chemistry toward Artificial Photosynthesis and Energy Conversion Processes	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)

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2	Inorganic	Jake	Soper	jake.soper@chemistry.gatech.edu	217	Redox Redux: The Renaissance of Non-Innocent Ligand Complexes	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
2	Inorganic	Yuichiro	Nagame	nagame.yuichiro@jaea.go.jp	218	Advances in Nuclear Chemistry of Transactinide Elements	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
2	Inorganic	Yang	Song	yang.song@uwo.ca	239	Chemistry and Materials Science at High Pressures	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
2	Inorganic	Oleg	Ozerov	ozarov@mail.chem.tamu.edu	248	Carbon-fluorine Bond Activation: a Crossroads for Inorganic, Organic, and Environmental Chemistry	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
2	Inorganic	Rika	Hagiwara	hagiwara@energy.kyoto-u.ac.jp	249	Fundamental and Applied Inorganic Fluorine Chemistry and Their Impacts on Energy Conservation and the Environment	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
2	Inorganic	May	Nyman	mdnyman@sandia.gov	251	New Frontiers in Polyoxometalate Chemistry	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
2	Inorganic	Kiyoshi	Nomura	k-nomura@t-adm.t.u-tokyo.ac.jp	275	Nanoscale Characterization of Functional Materials by Nuclear Probes	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Saturday, December 18 (Evening)
3	Macromolecular	Victoria	Finkenstadt	victoria.finkenstadt@ars.usda.gov	6	Polymeric Materials from Renewable Resources	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
3	Macromolecular	Robert	Gilbert	b.gilbert@uq.edu.au	7	Starch as a Polymer	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
3	Macromolecular	Tetsuo	Asakura	asakura@cc.tuat.ac.jp	12	NMR Spectroscopy of Polymers: Innovative NMR Strategies for Complex Macromolecular Systems	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Saturday, December 18 (Evening)

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3	Macromolecular	Atsushi	Takahara	takahara@cstf.kyushu-u.ac.jp	42	Chemistry and Functional Properties of Soft Interfaces	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
3	Macromolecular	Akon	Higuchi	ahiguchi@nch.go.jp	51	Advanced Polymeric Membranes for Environmental, Biomedical and Bioengineering Application	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
3	Macromolecular	Timothy	Lodge	lodge@umn.edu	57	Functional Block Copolymer Assemblies	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
3	Macromolecular	Mathew	Celina	mccelin@sandia.gov	64	Polymer Materials Performance, Degradation and Optimization	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
3	Macromolecular	Michael	Wolf	mwolf@chem.ubc.ca	82	Hybrid Conjugated Polymer Materials	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
3	Macromolecular	Hiroshi	Uyama	uyama@chem.eng.osaka-u.ac.jp	95	Biodegradable and Biomass Plastics	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
3	Macromolecular	Eiji	Yashima	yashima@apchem.nagoya-u.ac.jp	98	The New Age of Advanced Materials: Supramolecular Architectures and Smart Materials	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
3	Macromolecular	Takashi	Kato	kato@chiral.t.u-tokyo.ac.jp	102	Molecular-Based Ordered Materials Formed Through Self-Organization	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Sunday, December 19 (Evening)

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3	Macromolecular	Masatsugu	Shimomura	shimo@tagen.tohoku.ac.jp	126	Biomimetic Engineering of Hierarchically Structured Polymer Materials	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Saturday, December 18 (Evening) Sunday, December 19 (Evening)
3	Macromolecular	Yoshiki	Chujo	chujo@chujo.synchem.kyoto-u.ac.jp	127	Polymer Nano-Hybrids at Bio-Interfaces	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
3	Macromolecular	Kohzo	Ito	kohzo@k.u-tokyo.ac.jp	136	Synthesis, Structure, and Physical Properties of Advanced Polymer Gels	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
3	Macromolecular	Christopher	Barrett	chris.barrett@mcgill.ca	144	Azobenzene Polymers for Photo-Reversible Structures and Surfaces	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
3	Macromolecular	Kimihiro	Matsukawa	kmatsu@omtri.city.osaka.jp	152	Nano Structure and Function of Organic-Inorganic Hybrid Polymers	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
3	Macromolecular	Masayoshi	Okubo	okubo@kobe-u.ac.jp	160	Controlled/Living Radical Polymerization in Dispersed Systems	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Saturday, December 18 (Evening)
3	Macromolecular	Yongmei	Wang	ywang@memphis.edu	179	Separation and Characterization of Synthetic and/or Biological Macromolecules: the Principles, Practices and Applications	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
3	Macromolecular	Fazle	Sibtain	sibtaif@novachem.com	211	Polyolefins Chemistry and Beyond - From Bench to Commercial Scale	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
3	Macromolecular	Greg	Russell	greg.russell@canterbury.ac.nz	219	Radical Polymerization Kinetics and Mechanisms	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
3	Macromolecular	Takahiro	Sato	tsato@chem.sci.osaka-u.ac.jp	231	Amphiphilic Polymers: Fundamentals and Applications	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
3	Macromolecular	Shiping	Zhu	zhuship@mcmaster.ca	236	Controlled/Living Radical Polymerization: Mechanisms, Catalysts, Reaction Engineering, Materials and Applications	Friday, December 17 (Morning) Friday, December 17 (Afternoon)

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3	Macromolecular	Tatsuki	Kitayama	kitayama@chem.es.osaka-u.ac.jp	257	Frontiers of Precisely Controlled Polymer Synthesis: Fine Control of Polymerization Reaction and Impact on Advanced Material Designs	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Matthew	Platz	platz.1@osu.edu	1	Reactive Intermediates and Unusual Molecules- A Celebration of Bob Moss's 70 years	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Friday, December 17 (Evening)
4	Organic	Yasuhiro	Uozumi	uo@ims.ac.jp	14	Cooperative Catalysis	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
4	Organic	Benjamin	Hay	haybp@ornl.gov	15	Anion Coordination Chemistry	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Hélène	Lebel	helene.lebel@umontreal.ca	18	C-H Functionalization, Memorial Symposium for Professor Keith Fagnou	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Christopher	Welch	christopher_welch@merck.com	19	Interface between Organic Synthesis and Chromatography	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
4	Organic	Michael	Haley	haley@uoregon.edu	29	Designed pi-Electronic Systems: Synthesis, Properties, Theory and Function	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
4	Organic	Michael	Pirrung	michael.pirrung@ucr.edu	32	Diversity Oriented Synthesis	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Sunday, December 19 (Evening)
4	Organic	Takeshi	Akasaka	akasaka@tara.tsukuba.ac.jp	45	Chemistry of Novel Nanocarbons -Fullerenes, Carbon Nanotubes and Related Materials-	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)

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4	Organic	Shin	Aoki	shinaoki@rs.noda.tus.ac.jp	47	New Directions of Supramolecular Chemistry toward Nanomaterial Science, Biomedical Science, and Supramolecular Catalysts	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
4	Organic	Keiji	Maruoka	maruoka@kuchem.kyoto-u.ac.jp	62	Asymmetric Organocatalysis	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
4	Organic	Frederick	West	frederick.west@ualberta.ca	63	Novel Synthetic Methodology and Its Application to Natural Product Synthesis	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening) Friday, December 17 (Evening)
4	Organic	Jon	Rainier	rainier@chem.utah.edu	80	Marine Natural Products: Isolation, Biology, Ecology, and Synthesis	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
4	Organic	Todd	McDermott	todd.mcdermott@abbott.com	85	The Science and Strategy of Process Chemistry: From Molecules to Pharmaceutical Drugs	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
4	Organic	Howard	Zimmerman	Zimmerman@Chem.Wisc.Edu	89	Mechanistic Organic Photochemistry	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Friday, December 17 (Evening)
4	Organic	David	Vicic	vicic@hawaii.edu	115	New Advances in Metal-Catalyzed Alkylation and Fluoroalkylation	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
4	Organic	Romas	Kazlauskas	rjk@umn.edu	124	Frontiers in Biocatalysis Applications to Organic Synthesis	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)

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4	Organic	Yoshihisa	Inoue	inoue@chem.eng.osaka-u.ac.jp	125	Supramolecular Photochemistry	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
4	Organic	Shu	Kobayashi	shu_kobayashi@chem.s.u-tokyo.ac.jp	132	New Dimensions of Green Sustainable Chemistry: Novel Reactions and Catalysts	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
4	Organic	Keiji	Tanino	ktanino@sci.hokudai.ac.jp	134	Total Synthesis of Natural Products and Related Compounds	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Ilhyong	Ryu	ryu@c.s.osakafu-u.ac.jp	139	Achieving Efficiency in Organic Reactions via Greener Processes and Practices	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
4	Organic	Tohru	Oishi	oishi@chem.sci.osaka-u.ac.jp	148	Design and Synthesis of Biologically Active Compounds for Elucidating Mode-of-Action	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
4	Organic	Roger	Bishop	r.bishop@unsw.edu.au	155	Organic Solid-State Chemistry: Structure, Synthesis & Reactivity	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
4	Organic	Christoph	Fahrni	fahrni@chemistry.gatech.edu	157	Molecular Probes and Fluorophores for Cellular Imaging	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Binghe	Wang	wang@gsu.edu	199	Boronic Acids: Synthetic and Biological Applications	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Masahiko	Yamaguchi	yama@mail.pharm.tohoku.ac.jp	216	Molecular Complex Systems: Reversible Aggregation/Disaggregation of Organic Molecules	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
4	Organic	Willie	Hinze	hinze@wfu.edu	222	Practical Applications of Basic Research on Molecular Recognition	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
4	Organic	Bob	Gawley	bgawley@uark.edu	229	Carbanions: Modern Perspectives in Structure, Reactivity, and Synthesis	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)

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4	Organic	David G. I.	Kingston	dkingston@vt.edu	279	Recent Advances in Natural Products as Anticancer Agents	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
4	Organic	Jon R.	Parquette	parquett@chemistry.ohio-state.edu	280	Supramolecular Catalysis	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
4	Organic	Hiroaki	Sasai	sasai@sanken.osaka-u.ac.jp	282	Metal Catalysis for Asymmetric Synthesis	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
4	Organic	Kyoko	Nozaki	nozaki@chembio.t.u-tokyo.ac.jp	283	Transition Metal Catalysis: Mechanism and Practice	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
5	Physical, Theoretical & Computational	Stacey D.	Wetmore	stacey.wetmore@uleth.ca	10	Computational Quantum Chemistry: Theory and Interactions with Experiment	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Friday, December 17 (Evening) Saturday, December 18 (Evening) Sunday, December 19 (Evening)
5	Physical, Theoretical & Computational	Richard	O'Hair	rohair@unimelb.edu.au	17	Gas Phase Studies of Metal Ligand Interactions: Relevance in Organic Chemistry and Biochemistry	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
5	Physical, Theoretical & Computational	Liem	Dang	liem.dang@pnl.gov	21	Recent Advances in Studies of Molecular Processes at Liquid Interfaces	Wednesday, December 15 (Morning) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Thursday, December 16 (Evening) Friday, December 17 (Evening) Saturday, December 18 (Evening)
5	Physical, Theoretical & Computational	Andre D	Bandrauk	andre.dieter.bandrauk@usherbrooke.ca	24	Ultrafast Intense Laser Chemistry	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
5	Physical, Theoretical & Computational	Ralf I.	Kaiser	ralfk@hawaii.edu	31	Kuiper Belt Objects - Laboratory Studies, Models, Theory, and Observations	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Saturday, December 18 (Evening) Sunday, December 19 (Evening)
5	Physical, Theoretical & Computational	Shigenori	Tanaka	tanaka2@kobe-u.ac.jp	37	Advances in Quantum Monte Carlo	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening) Friday, December 17 (Evening)
5	Physical, Theoretical & Computational	Gregory	Jerkiewicz	gregory.jerkiewicz@chem.queensu.ca	40	Interfacial Electrochemistry: New Systems, Experimental Methods and Theoretical Approaches	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
5	Physical, Theoretical & Computational	Zhigang	Shuai	zgshuai@iccas.ac.cn	66	Theory of Excited States Structures and Dynamics: Application to Organic Materials and Biosystems	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
5	Physical, Theoretical & Computational	Yukihiro	Ozaki	ozaki@kwasei.ac.jp	72	Frontiers of Surface-Enhanced Raman Scattering: Single-Nanoparticles and Single Cells	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Saturday, December 18 (Evening) Sunday, December 19 (Evening)
5	Physical, Theoretical & Computational	Masahide	Terazima	mterazima@kuchem.kyoto-u.ac.jp	75	Dynamics and Mechanisms of Photochemical Reactions of Biological Proteins	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Saturday, December 18 (Evening) Sunday, December 19 (Evening)

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
5	Physical, Theoretical & Computational	Mark	Gordon	mark@si.msg.chem.iastate.edu	81	Challenges and Solutions to Accurate Calculations on Large Molecular Systems.	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Sunday, December 19 (Evening)
5	Physical, Theoretical & Computational	Hiroshi	Sekiya	sekiya@chem.kyushu-univ.jp	87	Spectroscopic Probes of Intramolecular and Intermolecular Interactions in Molecules and Molecular Clusters	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
5	Physical, Theoretical & Computational	Josef	Scheiber	mail@josef-scheiber.de	103	Systems Chemistry - Towards the Holistic Understanding of Complex Molecular Systems	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Friday, December 17 (Evening)
5	Physical, Theoretical & Computational	Henrik	Kjaergaard	henrik@chemistry.otago.ac.nz	116	Anharmonic Vibrations of Molecules and Clusters: Experiment and Theory	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
5	Physical, Theoretical & Computational	Luzar	Alenka	aluzar@vcu.edu	130	New Experimental and Computational Probes of Water in Biological Systems	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
5	Physical, Theoretical & Computational	Shigeyoshi	Sakaki	sakaki@moleng.kyoto-u.ac.jp	138	Molecular Theory for Real Systems and Chemical Reactions	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)
5	Physical, Theoretical & Computational	Tatsuya	Takagi	satan@gen-info.osaka-u.ac.jp	140	Re-Encounter of Computational Chemistry and Chemometrics	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
5	Physical, Theoretical & Computational	Jianshu	Cao	jianshu@mit.edu	161	Quantum Coherence and its Control in Condensed Phases	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening) Friday, December 17 (Evening)

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5	Physical, Theoretical & Computational	Koichi	Yamashita	yamasita@chemsys.t.u-tokyo.ac.jp	163	Cold Molecules and Quantum Computation/Information Processes	Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
5	Physical, Theoretical & Computational	Hiroaki	Misawa	spmcf_office@photomolecule.net	171	The Nanostructure-Enhanced Photochemical Reactions	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
5	Physical, Theoretical & Computational	Torsten	Fiebig	fiebig@bc.edu	204	DNA Photonics	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
5	Physical, Theoretical & Computational	Cheuk-Yiu	Ng	cyng@chem.ucdavis.edu	212	Frontiers of State-to-State Dynamics	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Saturday, December 18 (Evening)
5	Physical, Theoretical & Computational	Keisuke	Tominaga	tominaga@kobe-u.ac.jp	220	Molecular Dynamics in Complex Environments: Theory and Experiments	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Friday, December 17 (Evening)
5	Physical, Theoretical & Computational	Scott	Kroeker	Scott_Kroeker@UManitoba.ca	228	Solid-State NMR Methods and Applications in Inorganic Materials	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
5	Physical, Theoretical & Computational	Alidad	Amirfazli	a.amirfazli@ualberta.ca	252	Interfacial Phenomena for Bubbles, Droplets, Films and Soft Matter	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
5	Physical, Theoretical & Computational	Koichi	Iwata	koichi.iwata@gakushuin.ac.jp	254	Advanced Linear and Non-Linear Vibrational Spectroscopy	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon)
5	Physical, Theoretical & Computational	Yan Alexander	Wang	yawang@chem.ubc.ca	258	Orbital-Free Density Functional Theory and Its Applications to Large-Scale Materials Simulations	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
5	Physical, Theoretical & Computational	Alexandre	Brolo	agbrolo@uvic.ca	259	"Plasmonics and Nanophotonics for Chemical Sensing, Imaging and Spectroscopy"	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
5	Physical, Theoretical & Computational	Hideki	Sakai	hisakai@rs.noda.tus.ac.jp	265	Frontiers of Colloid and Interface Chemistry	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
5	Physical, Theoretical & Computational	Glen	Loppnow	glen.loppnow@ualberta.ca	267	Frontiers of Biomolecular Dynamics	Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
6	Agrochemistry	Thomas	Hu	Thomas.Hu@fpinnovations.ca	50	Cellulose-based Nanomaterials - Fundamental and Application	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
6	Agrochemistry	Kumi	Yoshida	yoshidak@is.nagoya-u.ac.jp	88	Flavonoids, Synthesis toward Functions	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
6	Agrochemistry	Kazuki	Saito	ksaito@faculty.chiba-u.jp	111	Metabolomics for Fundamental and Applied Plant Sciences	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
6	Agrochemistry	Michael	Thurman	mthurman@ono.com	118	Application of Liquid and Gas Chromatography Mass Spectrometry to Agrochemical Challenges	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
6	Agrochemistry	Coralia	Osorio	cosorior@unal.edu.co	162	Value-Added Food Products from Fruits and Vegetables	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
6	Agrochemistry	Dimitris	Argyropoulos	dsargyro@ncsu.edu	210	Ionic Liquids: Novel Processing Platforms of Cellulose and Biomass	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
6	Agrochemistry	Hirokazu	Kawagishi	achkawa@agr.shizuoka.ac.jp	214	Fungi and Mushrooms: Ecology, Chemistry and Agricultural Relevance	Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
6	Agrochemistry	John J.	Johnston	john.johnston@fsis.usda.gov	227	Rodenticide-Based Opportunities for Protection of Agriculture, Ecosystems and Public Health	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
6	Agrochemistry	John J.	Johnston	john.johnston@fsis.usda.gov	230	International Food Safety Issues & Opportunities	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
6	Agrochemistry	Masayuki	Machida	m.machida@aist.go.jp	243	Genomics Approach to the Analysis of Fungal Secondary Metabolites and Diversity	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)

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7	Biological Chemistry	William	Metz	william.metz@sanofi-aventis.com	5	Chemical Biology of Botulinum Neurotoxin	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
7	Biological Chemistry	William D.	Lubell	lubell@chimie.umontreal.ca	41	Frontiers in Peptide Chemistry: Synthesis and Applications	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
7	Biological Chemistry	Angela	Gronenborn	amg100@pitt.edu	43	Biomolecular Structure and Dynamics – Recent Advances in NMR	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
7	Biological Chemistry	Dave	Winkler	dave.winkler@csiro.au	55	Molecular Control of Stem Cell Fate	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
7	Biological Chemistry	Akira	Naito	naito@ynu.ac.jp	58	Advances in Solid-State NMR of Biological Molecules	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
7	Biological Chemistry	Gary	Luzio	gary.luzio@ars.usda.gov	76	Pectin: Affect on Structural and Functional Properties by Enzyme or Chemical Modification	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
7	Biological Chemistry	Guenter	Grethe	ggrethe@comcast.net	90	Polypharmacology for Drug Discovery	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
7	Biological Chemistry	Thomas	Ellis	thomas.ellis@lightsource.ca	93	Studying the Chemistry Inside Living Cells with Infrared Spectromicroscopy	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Friday, December 17 (Evening)
7	Biological Chemistry	Gilles	Tamagnan	gtamagnan@indd.org	105	Biomarkers: PET/SPECT Imaging	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
7	Biological Chemistry	John	Vederas	john.vederas@ualberta.ca	106	Biosynthesis of Natural Products	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)

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7	Biological Chemistry	Kensei	Kobayashi	kkensei@ynu.ac.jp	117	Chemical Approaches to Astrobiology	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
7	Biological Chemistry	Toru	Shimizu	shimizu@tagen.tohoku.ac.jp	119	Gas-Sensor Proteins/Enzymes: Molecular Mechanisms of Gas Sensing and Intra-Molecular Signal Transduction	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Thursday, December 16 (Evening)
7	Biological Chemistry	John	Richard	jrichard@chem.buffalo.edu	129	Biorganic Reaction Mechanisms	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
7	Biological Chemistry	Richard	Cheng	rpcheng@ntu.edu.tw	149	Protein, Peptide, and Peptidomimetics Design	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
7	Biological Chemistry	Binghe	Wang	wang@gsu.edu	200	Carbohydrate Recognition in Health and Disease	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
7	Biological Chemistry	Zhen	Huang	huang@gsu.edu	208	New Frontiers of Functional Nucleic Acids: Chemistry, Biology and Applications	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Saturday, December 18 (Evening)
7	Biological Chemistry	Ronald	Kluger	rkluger@chem.utoronto.ca	213	Protein Alteration by Mutagenesis and Chemical Modification: Applications in Biochemistry, Drug Discovery, Diagnostics, and Nutrition	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
7	Biological Chemistry	Robert	Young	roberty@sfu.ca	235	Recent Advances in Research on Leukotrienes and Prostaglandins in Inflammatory and Respiratory Diseases	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
7	Biological Chemistry	Koichi	Kato	kkato@phar.nagoya-cu.ac.jp	244	Frontiers in Ubiquitin Research: Structures, Mechanisms, Biology and Drug Development	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
7	Biological Chemistry	Koichiro	Ishimori	koichiro@sci.hokudai.ac.jp	256	Frontiers of Metalloproteins in Biology	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
7	Biological Chemistry	Peter B.	Dervan	dervan@caltech.edu	278	Molecular Recognition of Nucleic Acids: Biological Applications	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
8	Environmental Chemistry	Helen	Nguyen	thn@uiuc.edu	2	Interfacial Chemistry: Fate, Transport, and Adsorption of Nanoparticles, Biocolloids, and Trace Organics in Aquatic Systems	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)
8	Environmental Chemistry	Steve	Machemer	machemer.steve@epa.gov	23	Environmental Forensics	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Friday, December 17 (Evening)
8	Environmental Chemistry	Gordon	Knight	gknight@trojanuv.com	26	Chemistry of Ultraviolet Treatment for Water	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
8	Environmental Chemistry	Jonathan	Martin	Jon.Martin@ualberta.ca	48	Sources, Transport, Fate, and Behaviour of Global Contaminants	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
8	Environmental Chemistry	Benito J.	Marinas	marinas@uiuc.edu	61	Advances in Water Disinfection and Disinfection By-Product Chemistry	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Sunday, December 19 (Evening)
8	Environmental Chemistry	William	Cooper	wcooper@uci.edu	73	Free Radical Chemistry in the Environment	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)
8	Environmental Chemistry	Toshiyuki	Itoh	titoh@chem.tottori-u.ac.jp	83	Environment Friendly Syntheses Using Ionic Liquids	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
8	Environmental Chemistry	Toshiaki	Yoshioka	yoshioka@env.che.tohoku.ac.jp	86	Recycling of Polymeric Waste Materials: Challenges and Perspectives	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Saturday, December 18 (Evening)
8	Environmental Chemistry	Toshio	Fuchigami	fuchi@echem.titech.ac.jp	128	Green Electrochemistry	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Thursday, December 16 (Evening)

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8	Environmental Chemistry	Moetaz	Attalla	moetaz.attalla@csiro.au	131	Chemistry of Post Combustion Carbon Dioxide Capture	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)
8	Environmental Chemistry	Alexander	Laskin	Alexander.Laskin@pnl.gov	237	Environmental Chemistry of Aerosols	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
8	Environmental Chemistry	Kenneth S.	Suslick	ksuslick@uiuc.edu	247	Sonochemistry & Sonoprocessing	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
8	Environmental Chemistry	Takeko	Matsumura	mll@gamma.ocn.ne.jp	250	Innovative Green Chemistry with Microwave Energy	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
8	Environmental Chemistry	Kohki	Ebitani	ebitani@jaist.ac.jp	262	Challenges of Heterogeneous Catalysts for Environmental-Benign Materials Conversions	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
9	Materials & Nanotechnology	Lyudmila	Bronstein	lybronst@indiana.edu	13	Nanoparticles and Nanoparticle-based Materials: Synthesis, Characterization, and Applications	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening)
9	Materials & Nanotechnology	Tinh	Nguyen	Tinh.nguyen@nist.gov	65	Measurement Sciences for Life Cycle Performance of Nanomaterials and Nanocomposites	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
9	Materials & Nanotechnology	Matthew	Tarr	mtarr@uno.edu	77	Titanium Dioxide: Synthesis and Applications for Energy, Environment, and Devices	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
9	Materials & Nanotechnology	Robin D	Rogers	rdrogers@as.ua.edu	92	Ionic Liquids in a Sustainable World	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
9	Materials & Nanotechnology	Tsun-Kong	Sham	tsham@uwo.ca	104	Synchrotron Radiation: Emerging Techniques and Applications	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)

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9	Materials & Nanotechnology	Alex	Smirnov	Alex_Smirnov@ncsu.edu	120	Nitroxide Radicals: Synthesis and Advanced Bio- and Nano-materials' Applications	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Friday, December 17 (Evening)
9	Materials & Nanotechnology	Kaichang	Li	kaichang.li@oregonstate.edu	121	Green Biomacromolecular Materials and Biocomposites	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
9	Materials & Nanotechnology	Paul	Bohn	pbohn@nd.edu	123	Nanofluidics and Chemical Manipulations in Restricted Environments	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
9	Materials & Nanotechnology	Shigeo	Maruyama	maruyama@photon.t.u-tokyo.ac.jp	135	Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Sunday, December 19 (Evening)
9	Materials & Nanotechnology	Kazunari	YAMAURA	yamaura.kazunari@nims.go.jp	141	Emerging perovskite and spinel compounds for materials science and applications	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
9	Materials & Nanotechnology	Naoto	Tsutsumi	tsutsumi@kit.ac.jp	142	Fundamentals and Applications of Nanomaterials for Electronics and Photonics	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Thursday, December 16 (Evening) Friday, December 17 (Evening)
9	Materials & Nanotechnology	Douglas	Gin	gin@spot.colorado.edu	165	New Materials and Concepts for Next Generation Membranes	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
9	Materials & Nanotechnology	Masahiko	Iyoda	iyoda@tmu.ac.jp	168	Supramolecular Nanoassemblies and Extended Frameworks	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
9	Materials & Nanotechnology	Takashi	Tatsumi	ttatsumi@cat.res.titech.ac.jp	178	Design of Zeolite Catalysts for Clean Synthesis of Chemicals	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
9	Materials & Nanotechnology	Lichang	Wang	lwang@chem.siu.edu	182	Computational Chemistry in Materials and Nanotechnology	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)

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9	Materials & Nanotechnology	Jan	Herrmann	jan.herrmann@measurement.gov.au	184	Standard Reference Materials and Methods for Nanotechnology	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
9	Materials & Nanotechnology	S. Holger	Eichhorn	eichhorn@uwindsor.ca	202	Liquid Crystals in Materials Chemistry	Thursday, December 16 (Afternoon) Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Thursday, December 16 (Evening)
9	Materials & Nanotechnology	Frederik	Krebs	frederik.krebs@risoe.dk	224	Polymer/Organic Solar Cells	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
9	Materials & Nanotechnology	Hsiao-hua	Yu	bruceyu@riken.jp	225	Organic Electronic Materials: From Small Molecules to Conducting Polymers	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
9	Materials & Nanotechnology	T. Yong-Jin	Han	han5@lnl.gov	226	Biological and Bio-Inspired Materials Synthesis and Assembly	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
9	Materials & Nanotechnology	Gregory	Herman	greg.herman@oregonstate.edu	233	High-Performance Solution-Processed Materials for Electronic/Optoelectronic Device Applications	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
9	Materials & Nanotechnology	Calum	Drummond	calum.drummond@csiro.au	242	Self and Directed Assembly of Small Molecules, Macromolecules and Colloids	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
9	Materials & Nanotechnology	Tomoji	Kawai	kawai@sanken.osaka-u.ac.jp	264	Inorganic Nanowires: Syntheses and Growth Mechanisms	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
9	Materials & Nanotechnology	Dionysios (Dion)	Dionysiou	dionysios.d.dionysiou@uc.edu	272	Redox Processes on Nanoparticles, Nanomaterials, and Nanostructured Systems in the Environment	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
10	Alternate Energy Technology	Tom	Autrey	tom.autrey@pnl.gov	69	Advances in Chemistry and Materials for Hydrogen Storage	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)

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10	Alternate Energy Technology	Michael	Tsapatsis	tsapatsi@cems.umn.edu	122	Nanoporous Materials for Renewable Energy and Chemicals	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
10	Alternate Energy Technology	Charles	Peden	chuck.peden@pnl.gov	172	Clean Fuels from Coal, Natural Gas and Biomass	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning) Saturday, December 18 (Evening) Sunday, December 19 (Evening)
10	Alternate Energy Technology	Marcel	Schlaf	mschlaf@uoguelph.ca	176	Thermochemical and Metal-Catalyzed Transformations of Biomass to Petrochemical Feedstocks, Polymer Precursors and Fuels.	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Evening)
10	Alternate Energy Technology	Michael	Hickner	mah49@psu.edu	180	The Chemistry, Structure, and Properties of Fuel Cell Membranes	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
10	Alternate Energy Technology	Ajay	Dalai	ajay.dalai@usask.ca	205	Nanocatalysis for Fuels and Chemicals	Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
10	Alternate Energy Technology	Junyong	Zhu	jzhu9@wisc.edu	221	Bioconversion of Lignocellulose to Fuel Ethanol, Chemicals and Materials	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
10	Alternate Energy Technology	Sang Ook	Kang	energymirae@gmail.com	238	Light Driven Generation of Hydrogen from Water	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
10	Alternate Energy Technology	Alan	Marshall	marshall@magnet.fsu.edu	266	Petroleomics: A Roadmap for Better Extraction and Processing of Petroleum	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning)
11	Chemistry Outreach to the Community	Kazuko	Ogino	oginok@m.tains.tohoku.ac.jp	28	Green Chemistry and Micro/Small Scale Chemistry in the Curriculum	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
11	Chemistry Outreach to the Community	Jeffrey	Cutler	Jeffrey.Cutler@lightsource.ca	99	The Two-Sides of Research and Development	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
11	Chemistry Outreach to the Community	Zafra	Lerman	ZafraL@aol.com	154	Best Practices for Teaching Chemistry at Every Level	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)

Area#	Area	First	Last	Email	ID#	Symposium	Sessions
11	Chemistry Outreach to the Community	E. Ann	Nalley	annn@cameron.edu	185	Women at the Forefront of the Time: Challenges toward Next Decades	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
11	Chemistry Outreach to the Community	Nancy	Jackson	nbjacks@sandia.gov	203	Chemical Security and Safety in the University and the Laboratory	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
11	Chemistry Outreach to the Community	Justin	Hasford	justin.hasford@finnegan.com	245	Pharmaceutical and Chemical Patent Protection and Enforcement Around the Pacific Basin	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
11	Chemistry Outreach to the Community	Haruo	Ogawa	ikuo@u-gakugei.ac.jp	246	Visualization in Chemical Education	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)
11	Chemistry Outreach to the Community	David	Chesney	djchesne@mtu.edu	273	Cultural Influences on Professional Ethics	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
12	Health & Technology	D. Scott	Wilbur	dswilbur@u.washington.edu	3	Advances in the Chemistry of Targeted Radionuclide Therapy	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
12	Health & Technology	Yuliang	Zhao	zhaoyuliang@ihep.ac.cn	11	Biological Interactions of Engineered Nanoparticles: Novel Functions and Nanosafety Issues	Saturday, December 18 (Morning) Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Saturday, December 18 (Evening)
12	Health & Technology	Norio	Miyoshi	nmiyoshi@u-fukui.ac.jp	71	Photodynamic Therapy and Photodetection	Sunday, December 19 (Morning) Sunday, December 19 (Afternoon) Monday, December 20 (Morning)
12	Health & Technology	Rong	Tsao	caor@agr.gc.ca	110	Understanding the Chemistry of Phytochemical Antioxidants and their Role in Human Health and Wellness	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
12	Health & Technology	Fereidoon	Shahidi	fshahidi@mun.ca	114	Chemistry, Safety, Quality and Regulatory Aspects of Functional Food Ingredients, Nutraceuticals and Natural Health Products	Friday, December 17 (Morning) Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
12	Health & Technology	Muthiah	Manoharan	mmanoharan@alnylam.com	153	Nucleic Acid Based Therapeutics	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)
12	Health & Technology	Pilho	Kim	pkim@krikt.re.kr	175	Tuberculosis drug development in the Pacific Rim	Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
12	Health & Technology	Laurence	Hurley	bishop@pharmacy.arizona.edu	192	G-quadruplexes and i-motifs: Structures, Biological Roles, and Therapeutic and Technological Applications	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning)

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12	Health & Technology	Koichi	Fukase	koichi@chem.sci.osaka-u.ac.jp	223	New Aspects of Chemical Glycobiology toward Development of new Diagnostics and Therapeutics	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
12	Health & Technology	Alexander	Wei	alexwei@purdue.edu	271	Advances in Nanomedicine 2010	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
12	Health & Technology	John	Ramshaw	John.Ramshaw@csiro.au	284	Assembling New Biomedical Materials for Tissue Regeneration	Friday, December 17 (Afternoon) Saturday, December 18 (Morning) Saturday, December 18 (Afternoon)
13	Security	Andrzej	Miziolek	miziolek@arl.army.mil	44	LIBS Detection of CBRNE Threats	Friday, December 17 (Afternoon) Saturday, December 18 (Morning)
13	Security	Ashok	Mulchandani	adani@engr.ucr.edu	137	Targeting Chemical and Biological Warfare Agents	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon)
13	Security	Yonggang	Zhu	yonggang.zhu@csiro.au	167	Smart Materials and Devices for CBRNE Detection	Wednesday, December 15 (Morning) Wednesday, December 15 (Afternoon) Thursday, December 16 (Morning) Thursday, December 16 (Afternoon) Friday, December 17 (Morning)
13	Security	Armando	Alcaraz	alcaraz1@lnl.gov	201	Sampling and Analysis of Weapons of Mass Destruction (WMD) Threats for Antiterrorism Purposes	Friday, December 17 (Morning) Friday, December 17 (Afternoon)
13	Security	Sue	Clark	s_clark@wsu.edu	240	Spectroscopic, Radioanalytical and Nuclear Methods for Security Applications	Thursday, December 16 (Morning) Thursday, December 16 (Afternoon)
13	Security	Paul J.	Dagdigian	pjdagdigian@jhu.edu	281	Laser-Based Detection of CBE Threats	Saturday, December 18 (Afternoon) Sunday, December 19 (Morning) Sunday, December 19 (Afternoon)