Symposium Program

8/2 (Thursday)

18:00-20:00 Welcome Party (Kazusa Akademia Hall, 2F Foyer)

8/3 (Friday)

Time	Room 202A	Room 202B
		Chair: Y. Ouchi
9:30 – 9:40		Opening Remarks: K. Nishikawa
9:40 – 10:20		PL1. H. Hamaguchi
10:20 – 10:45	Coffee Break	
	Chair: S. Tsuzuki	Chair: Y. Ouchi
10:45 – 11:15	A1. H. Kim	B1. M. Aratono
11:15 – 11:45	A2. T. Ishida	B2. S. Baldelli
11:45 – 12:15	A3. C. Margulis	B3. T. Miyamae
12:15 – 13:15	Lunch	
	Chair: Y. Kimura	Chair: R. Katoh
13:15 – 13:45	A4. C. Wakai	B4. J. Slattery
13:45 – 14:15	A5. H. Weingärtner	B5. S. Katsuta
14:15 – 14:45	A6. A. Kawai	B6. S. Tsuzuki
14:45 – 15:15	Coffee Break	
	Chair: A. Kawai	Chair: Y. Nagasawa
15:15 – 15:45	A7. H. Yonemura	B7. K. Yamamoto
15:45 – 16:15	A8. Canceled	B8. H. Shirota
16:20 – 17:50	Poster Session	
18:00 – 20:00	Dinner Party (Okura Akademia Park Hotel, 2F, Ariake II)	

8/4 (Saturday)

Time	Room 202A	Room 202A
	Chair: H. Sirota	Chair: O. Kajimoto
9:00 – 9:30	A9. E. Castner	B9. M. Kanakubo
9:30 – 10:00	A10. K. Iwata	B10. E. Maginn
10:00 – 10:30	Coffee Break	
	Chair: H. Hamaguchi	Chair: M. Kanakubo
10:30 – 11:00	A11. Y. Nagasawa	B11. Y. Hiejima
11:00 – 11:30	A12. Y. Kimura	B12. S. Balasubramanian
11:30 – 12:00	A13. M. Maroncelli	B13. O. Yamamuro
12:00 – 13:30	Photo & Lunch	
	Chair: K. Iwata	Chair: O. Yamamuro
13:30 – 14:00	A14. A. Samanta	B14. M. Yao
14:00 – 14:30	A15. R. Katoh	B15. K. Ngai
14:30 – 15:00	A16. K. Takahashi	B16. A Triolo
15:00 – 15:30	Coffee Break	
	Chair: K. Takahashi	Chair: M. Aratono
15:30 – 16:00	A17. T. Hirade	B17. T. Atake
16:00 – 16:30	A18. J. Wishart	B18. Y. Ouchi
16:30 – 17:00	Coffee Break	
		Chair: Nishikawa
17:00 – 17:40		PL2. Y. Koga
17:40 – 17:50		Closing Remarks: O. Kajimoto

August 3 (Friday)

Room 202B.

Chair: Y. Ouchi. (Nagoya University)

9:30 – 9:40 Opening Remarks. K. Nishikawa. (Chiba University)

9:40 – 10:20 P1. Raman spectroscopy uncovers new extraordinary properties of ionic liquids.
H. Hamaguchi. (The University of Tokyo)

10:20 – 10:45 Coffee Break

Chair: Y. Ouchi. (Nagoya University)

10:45 – 11:15 B1. Thermodynamic studies of interface formation and wetting behavior of ionic liquid systems.
M. Aratono, T. Matsuda, T. Takiue, H. Matsubara. (Kyusyu University)

11:15 – 11:45 B2. Surface spectroscopy of room-temperature ionic liquids at the platinum-liquid electrochemical interface.
S. Rivera, S. Baldelli. (University of Houston)

11:45 – 12:15 B3. Peculiarity of the vapor/liquid interface of an ionic liquid: study of sum-frequency generation spectroscopy at various temperatures.
T. Miyamae[1)], T. Iwahashi[2)], Y. Sakai[2)], Y. Ouchi[2)]. ([1)]AIST, [2)] Nagoya University)

12:15 – 13:15 Lunch

Chair: R. Katoh. (AIST)

13:15 – 13:45 B4. Understanding and predicting the physical properties of ionic liquids using volume-based methods.
J. M. Slattery, I. Krossing. (University of Freiburg)

13:45 – 14:15 B5. Ion pair formation of 1-alkyl-3-methylimidazolium salts in aqueous and nonaqueous solutions.
S. Katsuta. (Chiba University)

14:15 – 14:45 B6. Conformational analysis of 1-butyl-3-methylimidazolium by ab initio molecular orbital calculations: Effect of neighboring anions.
S. Tsuzuki[1)], A. A. Arai[2)], H. Seki[2)], K. Nishikawa[2)]. ([1)] AIST, [2)] Chiba University)

14:45 – 15:15 Coffee Break

Chair: Y. Nagasawa (Osaka University)

15:15 – 15:45 B7. Microscopic segregation of ionic liquid/water mixtures studied by Terahertz time-domain spectroscopy.
K. Yamamoto[1)], M. Tani[2)], M. Hangyo[2)]. ([1)] Japan Science and Technology Agency, [2)] Osaka University)

15:45 – 16:15 B8. Ultrafast dynamics of ionic liquids studied by femtosecond Raman-induced Kerr effect spectroscopy.
H. Shirota. (Chiba University)

August 3 (Friday)

Room 202A.

Chair: S. Tsuzuki. (AIST)

10:45 – 11:15 A1. Relaxation and electron transfer dynamics in room-temperature ionic liquids.
H. J. Kim. (Carnegie Mellon University)

11:15 – 11:45 A2. Theoretical investigation of room temperature ionic liquids: Mass and polarization effect on interplay between cation and anion molecules.
T. Ishida. (Institute for Molecular Science)

11:45 – 12:15 A3. Dynamics and spectroscopy of room temperature ionic liquids from computer simulations and theory.
Z. Hu, C. J. Margulis. (University of Iowa)

12:15 – 13:15 Lunch

Chair: Y. Kimura. (Kyoto University)

13:15 – 13:45 A4. Effect of anion field on rotational dynamics of water and benzene in ionic liquids: 1-butyl-3-methylimidazolium chloride and hexafluorophosphate.
C. Wakai, Y. Yasaka, N. Matubayasi, M. Nakahara. (Kyoto University)

13:45 – 14:15 A5. Dielectric properties of ionic liquids: Polarity and ionic motions. H. Weingärtner.
(Ruhr-University of Bochum)

14:15 – 14:45 A6. Rotational motion of photochemical intermediate paramagnetic molecules in room temperature ionic liquids.
A. Kawai, T. Hidemori, Y. Miyake, T. Asaka, K. Shibuya. (Tokyo Institute of Technology)

14:45 – 15:15 Coffee Break

Chair: A. Kawai (Tokyo Institute of Technology)

15:15 – 15:45 A7. Magnetic field effects on dynamics of biradical photogenerated from intramolecular electron-transfer in zinc porphyrin-viologen linked compounds in ionic liquid.
H. Yonemura, H. Tahara, S. Harada, S. Yamada. (Kyushu University)

15:45 – 16:15 A8. Canceled

August 4 (Saturday)

Room 202B.

Chair: O. Kajimoto (Kyoto University)

9:00 – 9:30 B9. What happens in CO_2-dissolved ionic liquids? - - - In view of liquid structures and transport properties.
M. Kanakubo[1)], Y. Kameda[2)]. ([1)] AIST, [2)] Yamagata University)

9:30 – 10:00 B10. Can classical simulations really predict properties of ionic liquids? On the pitfalls and success stories of modeling ionic liquids.
E. J. Maginn, M. S. Kelkar, S. Jayaraman, W. Shi. (University of Notre Dame)

10:00 – 10:30 Coffee Break

Chair: M. Kanakubo (AIST)

10:30 – 11:00 B11. Electrochemical carboxylation in biphasic systems of supercritical carbon dioxide and ionic liquids.
Y. Hiejima, M. Hayashi, S. Oya, K. Suda, K. Takahashi. (Kanazawa University)

11:00 – 11:30 B12. Structure and dynamics of CO_2-[bmim][PF_6] solutions and anion effects on solubility of CO_2 in ionic liquids.
B. L. Bhargava, S. Balasubramanian. (Jawaharlal Nehru Centre for Advanced Scientific Research)

11:30 – 12:00 B13. Calorimetric and neutron scattering studies of glass-forming ionic liquids.
O. Yamamuro[1)], Y. Moriya[1)], T. Someya[1)], Y. Inamura[2)], M. Nakakoshi[3)], H. Hamaguchi[1)]. ([1)]The University of Tokyo, [2)] Japan Atomic Energy Agency, [3)] Yokohama National University)

12:00 – 13:30 Photo and Lunch

Chair: O. Yamamuro (The University of Tokyo)

13:30 – 14:00 B14. Probing inhomogeneous structures in ionic liquids with wave propagation.
Y. Ohmasa, M. Yao. (Kyoto University)

14:00 – 14:30 B15. Structural and conductivity relaxations of ionic liquids.
K. L. Ngai. (Naval Research Laboratory)

14:30 – 15:00 B16. Structure and dynamics of ionic liquid: Some recent results.
A. Triolo[1)], O. Russina[2)]. ([1)] Istituto per i Processi Chimico-Fisici, [2)] Hahn-Meitner Institut)

15:00 – 15:30 Coffee Break

Chair: M. Aratono (Kyushu University)

15:30 – 16:00 B17. Thermodynamic properties of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide.
T. Atake, J. Fujimoto, Y. Yamada, T. Tojo, H. Kawaji. (Tokyo Institute of Technology)

16:00 – 16:30 B18. Surface structure of ionic liquids probed by metastable atom electron spectroscopy (MAES).
T. Iwahashi[1)], T. Nishi[1)], H. Yamane[1)], K. Kanai[1)], K. Seki[1)], D. Kim[2)], Y. Ouchi[1)]. ([1)] Nagoya University, [2)] Sogang University)

16:30 – 17:00 Coffee Break

Chair: K. Nishikawa. (Chiba University)

17:00 – 17:40 PL2. Ionic liquid – H_2O systems.
Y. Koga. (The University of British Columbia)

17:40 – 17:50 Closing Remarks. O. Kajimoto. (Kyoto University)

August 4 (Saturday)

Room 202A.

Chair: H. Shirota (Chiba University)

9:00 – 9:30 A9. Viscosities, interactions, and dynamics in ionic liquids. E. W. Castner, Jr.[1)], H. Shirota[2)], J. F. Wishart[3)], A. M. Funston[4)], T. A. Fadeeva[1)], S. H. Chung[5)], S. G. Greenbaum[6)]. ([1)] Rutgers, The State University of New Jersey, [2)] Chiba University, [3)] Brookhaven National Laboratory, [4)] University of Melbourne, [5)] William Paterson University, [6)] Hunter College, CUNY)

9:30 – 10:00 A10. Chemical reactions in ionic liquids studied by picosecond time-resolved Raman spectroscopy and femtosecond time-resolved near-infrared spectroscopy. K. Iwata. (The University of Tokyo)

10:00 – 10:30 Coffee Break

Chair: H. Hamaguchi (The University of Tokyo)

10:30 – 11:00 A11. 9,9'-Bianthryl in ionic liquids: The excited state charge transfer dynamics. Y. Nagasawa, T. Itoh, M. Yasuda, Y. Ishibashi, H. Miyasaka. (Osaka University)

11:00 – 11:30 A12. Raman spectroscopic study on the solvation in RTILs. Y. Kimura, T. Fujisawa, M. Terazima. (Kyoto University)

11:30 – 12:00 A13. Solvation, heterogeneity, and charge transfer in ionic liquids. M. Maroncelli[1)], S. Arzhantsev[1)], H. Jin[1)], G. Baker[2)]. ([1)] Pennsylvania State University, [2)] Oak Ridge National Laboratory)

12:00 – 13:30 Photo and Lunch

Chair: K. Iwata (The University of Tokyo)

13:30 – 14:00 A14. Dynamics of photo-induced electron and proton transfer reactions in ionic liquids. A. Samanta . (University of Hyderabad)

14:00 – 14:30 A15. Chemical properties of iodide in ionic liquids: Charge-transfer-to-solvent (CTTS) absorption and photodetachment reaction. R. Katoh[1)], Y. Yoshida[2)], K. Takahashi[3)]. ([1)] AIST, [2)] Osaka University, [3)] Kanazawa University)

14:30 – 15:00 A16. Reaction between diiodide anion radicals and effect of Coulombic shielding in ionic liquids. K. Takahashi. (Kanazawa University)

15:00 – 15:30 Coffee Break

Chair: K. Takahashi (Kanazawa University)

15:30 – 16:00 A17. Positronium formation in ionic liquids. T. Hirade. (Japan Atomic Energy Agency)

16:00 – 16:30 A18. Dynamics and reactivity of excess electrons in ionic liquids. J. F. Wishart[1)], T. Szreder[1,2)], A. Funston.[1,3)]. ([1)] Brookhaven National Laboratory, [2)] INCT, [3)] University of Melbourne)

Poster Session Program

August 3 (Friday)

2F Foyer

P1: Electroabsorption spectroscopy of room temperature ionic liquids.
Toshifumi Iimori, Nobuhiro Ohta. (Hokkaido University)
Email: tsi@es.hokudai.ac.jp (Toshifumi Iimori)

P2: The study of the structure relaxation of RTILs from sound velocity dispersion.
Masanori Fukuda, Masahide Terazima, Yoshifumi Kimura. (Kyoto University)
Email: m-fukuda@kuchem.kyoto-u.ac.jp (Masanori Fukuda)

P3: Thermal behavior and conformational change for 1-ethyl-3-methylimidazolium ionic liquids.
Takashi Masaki, Takatsugu Endo, Hideaki Shirota, Keiko Nishikawa. (Chiba University)
Email: t-masaki@graduate.chiba-u.jp (Takashi Masaki)

P4: Low frequency Raman spectroscopy of ionic liquids.
Hajime Okajima, Hiro-o Hamaguchi. (The University of Tokyo)
Email: okajima@chem.s.u-tokyo.ac.jp (Hajime Okajima)

P5: Rotational dynamics of free-radical solute molecules in ionic liquids studied by EPR spectroscopy.
Yusuke Miyake, Tekehiro Hidemori, Nobuyuki Akai, Akio Kawai, Kazuhiko Shibuya, Shinnichi Koguchi, Tomoya Kitazume. (Tokyo Institute of Technology)
Email: ymiyake@chem.titech.ac.jp (Yusuke Miyake)

P6: Effect of halogen bonding on crystal structure and thermal properties of 1-butyl-3-methyl-4,5-dibromoimidazolium salts.
Tomohiro Mukai, Keiko Nishikawa. (Chiba University)
Email: mukai-t@restaff.chiba-u.jp (Tomohiro Mukai)

P7: Solvent effects on the structures of solvatochromic probes in ionic liquids.
Tomotsumi Fujisawa, Yoshifumi Kimura, Masahide Terazima. (Kyoto University)
Email: fujisawa@kuchem.kyoto-u.ac.jp (Tomotsumi Fujisawa)

P8: Development of gas phase spectrometer for refractory materials and application to ionic liquids.
Hideki Katayanagi, Hajime Yagi, Koichiro Mitsuke. (Institute for Molecular Science)
Email: kata@ims.ac.jp (Hideki Katayanagi)

P9: Correlation between alkyl chain mobility and melting point for 1,2,3-trialkylimidazolium salts.
Toshihiko Mandai, Tomohiro Mukai, Keiko Nishikawa. (Chiba University)
Email: monday1004@graduate.chiba-u.jp (Toshihiko Mandai)

P10: Photocatalytic reduction of CO_2 in an ionic liquid.
Kayo Suda, Kenji Takahashi. (Kanazawa University)
Email: skayo@ktlabo.ch.t.kanazawa-u.ac.jp (Kayo Suda)

P11: E-Z isomerization reaction of phenylazoimidazolium cation in ionic liquids.
Tooru Asaka, Nobuyuki Akai, Akio Kawai, Kazuhiko Shibuya. (Tokyo Institute of Technology)
Email: tasaka@chem.titech.ac.jp (Tooru Asaka)

P12: Hydrophobicity and hydrophilicity of the “ionic liquid” ions determined by the 1-propanol probing methodology: A differential thermodynamic approach.
Hitoshi Kato[1)], Keiko Nishikawa[1)], Yoshikata Koga[2)]. ([1)] Chiba University, [2)] The University of British Columbia)
Email: h-k@graduate.chiba-u.jp (Hitoshi Kato)

P13: Diffusion dynamics of transient radicals in RTILs.
Yoshio Nishiyama, Masahide Terazima, Yoshifumi Kimura. (Kyoto University)
Email: yosi1166@kuchem.kyoto-u.ac.jp (Yoshio Nishiyama)

P14: Reaction of Solvated Electron with 1-Butyl-3-methylimidazolium and 1-Butyl-2, 3-methylimidazolium.
Kenji Takahashi, Yusuke Hiejima. (Kanazawa University)
Email: ktkenji@t.kanazawa-u.ac.jp (Kenji Takahashi)

P15: Property of the ionic liquids as studied by magnetic field effects on the photochemical reaction under high magnetic fields.
Atom Hamasaki[1,2)], Tadashi Takamasu[2)], Yoshio Sakaguchi[3)], Masanobu Wakasa[1)]. ([1)] Saitama University, [2)] NIMS, [3)] RIKEN)
Email: a.hamasaki@chem.saitama-u.ac.jp (Atom Hamasaki)

P16: Formation of crystals with unusual water structure in a room-temperature ionic liquid.
Hiroko Miki, Satoshi Hayashi, Hiroshige Kikura, Hiro-o Hamaguchi. (The University of Tokyo)
Email: hiroko@chem.s.u-tokyo.ac.jp (Hiroko Miki)

P17: A study on structures of metal nanoparticles dispersed in ionic liquids I.
Yoshikiyo Hatakeyama[1)], Maimi Okamoto[1)], Tomonori Kiyama[2)], Tsukasa Torimoto[2)], Susumu Kuwabata[3)], Keiko Nishikawa[1)]. ([1)] Chiba University, [2)] Nagoya University, [3)] Osaka University)
Email: ysky_htkym@graduate.chiba-u.jp (Yoshikiyo Hatakeyama)

P18: A study on structures of metal nanoparticles dispersed in ionic liquid II.
Maimi Okamoto[1)], Yoshikiyo Hatakeyama[1)], Tomonori Kiyama[2)], Tsukasa Torimoto[2)], Susumu Kuwabata[3)] , Keiko Nishikawa[1)]. ([1)] Chiba University, [2)] Nagoya University, [3)] Osaka University)
Email: maimi@graduate.chiba-u.jp (Maimi Okamoto)

P19: Surface structure of bmim TFSI investigated by grazing incidence X-ray scattering.
Yohko F. Yano. (Ritsumeikan University)
Email: y-yano@fc.ritsumei.ac.jp (Yohko F. Yano)

P20: Structure of ion gels studied by small-angle X-ray scattering.
Yoko Shiroma[1)], Yoshikiyo Hatakeyama[1)], Takeshi Morita[2)], Takeshi Ueki[3)], Masayoshi Watanabe[3)], Keiko Nishikawa[1)]. ([1)] Chiba University, [2)] Aichi University of Education, [3)] Yokohama National University)
Email: y-shiroma@graduate.chiba-u.jp (Yoko Shiroma)

P21: Phase transition behavior of polymer-ionic liquid mixtures studied by small-angle X-ray scattering.
Takeshi Morita[1)], Yoshitada Tanaka[2)], Takeshi Ueki[3)], Masayoshi Watanabe[3)], Keiko Nishikawa[2)]. ([1)] Aichi University of Education, [2)] Chiba University, [3)] Yokohama National University)
Email: tmorita@auecc.aichi-edu.ac.jp (Takeshi Morita)

P22: A near infrared spectroscopic study on water-ionic liquid mixtures: Construction and destruction process of hydrogen bonding network of water.
Fumie Sebe, Keiko Nishikawa. (Chiba University)
Email: fumie0808@graduate.chiba-u.jp (Fumie Sebe)

P23: Structures of ionic liquids in the gas phase studied by matrix-isolation infrared spectroscopy.
Nobuyuki Akai, Akio Kawai, Kazuhiko Shibuya. (Tokyo Institute of Technology)
Email: akai.n.ab@m.titech.ac.jp (Nobuyuki Akai)

P24: Microscopic cooling process of S_1 *trans*-stilbene in ionic liquids studied by picosecond time-resolved Raman spectroscopy.
Kyousuke Yoshida, Koichi Iwata, Hiro-o Hamaguchi. (The University of Tokyo)
Email: kyoshida@chem.s.u-tokyo.ac.jp (Kyousuke Yoshida)

P25: Anion configuration of ionic liquid [bmim]OTf at the air/liquid interface probed by infrared-visible sum frequency generation spectroscopy.
Takashi Iwahashi[1)], Yakayuki Miyamae[2)], Kaname Kanai[1)], Kazuhiko Seki[1)], Doseok Kim[3)], Yukio Ouchi[1)]. ([1)]Nagoya University, [2)]AIST, [3)]Sogang University)
Email: iwahashi@mat.chem.nagoya-u.ac.jp (Takashi Iwahashi)

P26: Theoretical analysis of hydrogen bond of imidazolium C2-H with anions: Difference from conventional hydrogen bonds.
Seiji Tsuzuki[1)], Hiroyuki Tokuda[2)], Masuhiro Mikami[1)]. ([1)] AIST, [2)] Mitsubishi Chemical Group Science and Technology Research Center, Inc.)
Email: s.tsuzuki@aist.go.jp (Seiji Tsuzuki)

P27: Raman spectroscopic monitoring of conductive polypyrrole formation in bmim[$FeCl_4$].
Masahiro Ando, Young-Kun Min, Jin-Yeol Kim, Jae-Taek Kim, Hiro-o Hamaguchi. (The University of Tokyo)
Email: mando@chem.s.u-tokyo.ac.jp (Masahiro Ando)

P28: IV-SFG studies on the air/liquid interface of [bmim]OTf + H_2O system.
Yasunari Sakai[1)], Souya Inoue[1)], Takashi Iwahashi[1)], Takayuki Miyamae[2)], Kaname Kanai[1)], Kazuhiko Seki[1)], Doseok Kim[3)], Yukio Ouchi[1)]. ([1)]Nagoya University, [2)]AIST, [3)]Sogang University)
Email: sakai@mat.chem.nagoya-u.ac.jp (Yasunari Sakai)

P29: Glass transition and ionic diffusion of ion gels PMMA/EMITFSI.
Takenori Someya[1)], Yousuke Moriya[1)], Osamu Yamamuro[1)], Takeshi Ueki[2)], Masayoshi Watanabe[2)]. ([1)] The University of Tokyo, [2)] Yokohama National University)
Email: someya@issp.u-tokyo.ac.jp (Takenori Someya)

P30: Canceled.

P31: Dehydration Reaction of Methanol in Imidazolium-Based Ionic Liquids: High-temperature In-situ NMR Study.
Yoshiro Yasaka, Chihiro Wakai, Nobuyuki Matubayasi, Masaru Nakahara. (Kyoto University)
Email: yasaka@nmr.kuicr.kyoto-u.ac.jp (Yoshiro Yasaka)

P32: Molecular reorientational dynamics of 1-butyl-3-methylimidazolium halide by ^{13}C NMR focusing on the phase transition.
Hiroko Seki, Hiroyuki Tsuchiya, Mitsuru Tashiro, Mamoru Imanari, Keiko Nishikawa. (Chiba University)
Email: seki@cac.chiba-u.ac.jp (Hiroko Seki)

P33: Structures and phase transitions of 1-isopropyl-3-methylimidazolium halides studied by quantum chemical calculations and simultaneous measurements of Raman spectrum and heat flow.
Takatsugu Endo, Ken-ichi Tozaki, Keiko Nishikawa. (Chiba University)
Email: tsuguendo@graduate.chiba-u.jp (Takatsugu Endo)

P34: High-pressure transport properties of ionic liquids.
Mitsuhiro Kanakubo[1)], Kenneth R. Harris[2)], Noriaki Tsuchihashi[3)], Kazuyasu Ibuki[3)], and Masakatsu Ueno[3)]. ([1)] AIST, [2)] University of New South Wales, [3)] Doshisha University)
Email: m-kanakubo@aist.go.jp (Mitsuhiro Kanakubo)

P35: Electrochemical carboxylation in biphasic systems of supercritical carbon dioxide and ionic liquids.
Yusuke Hiejima, Masahiro Hayashi, Seiko Oya, Kayo Suda, Kenji Takahashi. (Kanazawa University)
Email: hiejima@t.kanazawa-u.ac.jp (Yusuke Hiejima)

P36: Thermodynamic study on glass transitions and fusions of ionic liquids.
Yosuke Moriya[1)], Takenori Someya[1)], Masamichi Nakakoshi[2)], Hiro-o Hamaguchi[1)], Osamu Yamamuro[1)]. ([1)] The University of Tokyo, [2)] Yokohama National University)
Email: ymoriya@issp.u-tokyo.ac.jp (Yousuke Moriya)

P37: Anomalous ^{13}C chemical shift of 1-butyl-3-methylimidazolium bromide in solutions depending on concentration.
Shinji Ishihara[1)], Mamoru Imanari[1)], Seiji Tsuzuki[2)], Hiroko Seki[1)], Keiko Nishikawa[1)]. ([1)] Chiba University, [2)] AIST)
Email: ezu11604@nifty.com (Mamoru Imanari)

P38: Electrospray-ionization characteristics of the ionic liquid of N,N-diethyl-N-methyl-N-(2-methoxyethyl)ammonium bis(trifluoromethanesulfonyl)imide.
Yukio Fujiwara, Kouji Watanabe, Hidehiko Nonaka, and Naoaki Saito. (AIST)
Email: yukio-fujiwara@aist.go.jp (Yukio Fujiwara)

P39: Effect of Water Molecule on The Structure and Arrangement of Nitrile Functionalized Ionic Liquids as Studied by Raman Spectroscopy and X-Ray Crystallography.
Satyen Saha [1), 2)], Hiro-o Hamaguchi [2)]. ([1)] Banaras Hindu University, [2)] The University of Tokyo)
Email: ssahabhu@yahoo.com (Satyen Saha)

P40: Local organization of water and its effect on the structural heterogeneities in room temperature ionic liquids/H_2O mixtures.
Barbara Fazio, Alessandro Triolo, Gaetano Di Marco (IPCF - CNR, Messina, Italy)
Email: triolo@me.cnr.it (Alessandro Triolo)