Program

July 1

13:00-13:05 Opening

[Charge order, Dielectrics, and Nonlinear Conductivity]

Chair: H. Seo

13:05-13:30 S. Mazumdar (University of Arizona, USA)
OS1 "Antiferromagnetism, spin-singlets and superconductivity in the organics, layered cobaltates and spinels"

13:30-13:50 K. Yakushi (Institute for Molecular Science, Japan)
OS2 "Charge-ordering phase transition in α'-(BEDT-TTF)$_2$IBr$_2$"

13:50-14:10 I. Terasaki (Nagoya University, Japan)
OS3 "A mechanism of inverter effect in the organic thyristor"

14:10-14:30 M. Watanabe (Tohoku University, Japan)
OS4 "Structural aspects of competing charge ordered states in the organic conductor θ- (BEDT-TTF)$_2$MZn(SCN)$_4$ (M=Rb, Cs)"

14:30-14:45 Coffee Break

Chair: T. Kato

14:45-15:05 H. Kishida (Nagoya University, Japan)
OS5 "Optical study of nonlinear conducting states in charge-transfer complexes"

15:05-15:25 T. Oka (University of Tokyo, Japan)
OS6 "Theory of nonlinear transport in strongly correlated electron systems"

15:25-15:45 H. Maebashi (ISSP, Japan)
OS7 "Coulomb-frustrated phase separation caused by charge ordering"

15:45-16:05 T. Takahashi (Gakushuin University, Japan)
OS8 "Electronic properties affected by anion dynamics in (TMTSF)$_2$FSO$_3$ under pressure"

Chair:

16:05-18:20 **Poster session**

P1. R. Takagi (University of Tokyo, Japan)
1H-NMR Study of [Au(tmdt)$_2$] under Pressure

P2. M. Hirata (University of Tokyo, Japan)
13C NMR Investigation of the Charge Disproportionated-metallic State in the Quasi 2D Organic Conductor α-(BEDT- TTF)$_2$I$_3$

P3. T. Konoike (ISSP, Japan)
Specific heat study of α-(BEDT-TTF)$_2$I$_3$ under pressure

P4. Y. Otsuka (ISSP, Japan)
Nonlinear Conduction for θ-(BEDT-TTF)$_2$RbZn(SCN)$_4$

P5. K. Takahashi (ISSP, Japan)
Magnetoresistance in Charge Ordered Molecular Conductors at Ambient Pressure

P6. K. Miyagawa (ISSP, Japan)
13C NMR Investigation of π-d Mixing in (DI-DCNQI)$_2$Cu under Pressure

P7. T. Nakamura (Institute for Molecular Science, Japan)
Electronic and Structural Investigation of Re-entrant Magnetic Phases and Curious Non-magnetic Phase in (TMTTF)$_2$X

P8. T. Yamaguchi (National Institute for Materials Science, Japan)
Spin Related Magnetotransport in Insulating BEDT-TTF Crystals

P9. S. Lee (ISSP, Japan)
Crystal Structures and Properties of the Protonated Complexes Composed of N-Heteroaromatic- Substituted TTF Derivatives

P10. M. Miyazawa (University of Hokkaido, Japan)
Dielectric Constant in the Incommensurate SDW phase of (TMTTF)$_2$X

P11. M. Kimata (ISSP, Japan)
" ESR measurement of the magnetic organic conductor TPP[(Fe$_x$Co$_{1-x}$)(Pc)(CN)$_2$]$_2$"

P12. N. Matsunaga (University of Hokkaido, Japan)
C-NMR in quasi-one-dimensional organic conductor (TMTTF)$_2$AsF$_6$

P13. K. Furukawa (Institute for Molecular Science, Japan)
Time-Resolved ESR Study for Photo-induced Functional Materials, TTF-Derivatives

P14. S. Yasuzuka (University of Tsukuba, Japan)
Roles of spin and charge fluctuations in the superconductivity of a layered organic superconductor β-(BDA-TTP)$_2$SbF$_6$

P15. K. Sawada (Kanazawa University, Japan)
Magnetism in Graphene Nanoribbons on Substrates

P16. M. Maesato (Kyoto University, Japan)
A Layered Fullerene Conductor

P17. Y. Omori (Nagoya University, Japan)
Functional Renormalization Group Analysis of Intramolecular Charge Ordering in (TTM-TTP)I3 (poster presentation)

P18. S. Tsuchiya (NIMS, Japan)
Resistive and Magnetic Measurements in an Organic Superconductor κ-(BEDT-TTF)$_2$Cu(NCS)$_2$

P19. Y. Oshima (RIKEN, Japan)
Phase control of the pi-d molecular conductors by use of dynamic external field

P20. M. Udagawa (University of Tokyo, Japan)

Melting of charge ice and non-Fermi-liquid behavior

P21. H. Ishizuka (University of Tokyo, Japan)

Effect of Quantum fluctuation in Frustrated Proton-Ordered Systems: Melting of Proton Order and Liquid-like Paraelectricity in Quasi-2D Squaric Acid Crystals

P22. K. Yoshimi (AIST, Japan)

Spin frustration and charge ordering in TMTTF salts

P23. K. Kodama (University of Tsukuba, Japan)

Magnetic Field Effect on Charge Transport in pi-d System $(EDT\text{-}TTFVO)_2FeBr_4$

P24. H. Mori (ISSP, Japan)

Magnetic and charge orders in the Fe-phthalocyanine molecular compound $TPP[Fe(Pc)(CN)_2]_2$

P25. H. Isozaki (ISSP, Japan)

Magnetic field effect on EL of metalloporphyrin devices

July 2

[High magnetic field and Superconductors]

Chair: K. Kanoda

9:30-9:50 T. Osada (ISSP, Japan)
OS9 "Magnetotransport in organic dirac fermion systems"

9:50-10:15 W. Kang (Ewha Womans University, Korea)
OS10 "Unusual splitting of angular magnetoresistance near the coherence peak"

10:15-10:40 S. Brown (UCLA, USA)
OS11 "NMR studies of organic superconductors at high magnetic fields"

10:40-10:50 Coffee Break

Chair: H. Mori

10:50-11:10 A. Hassanien (AIST, Japan)
OS12 "Nanoscale superconductivity in (BETS)"

[π-d Conductors]

11:10-11:35 B. Zhang (Chinese Academy of Sciences, China)
OS13 "Hybrid magnetic conductor"

11:35-13:20 Photo and Lunch

Chair: S. Uji

13:20-13:40 N. Hanasaki (Okayama University, Japan)
OS14 "Ground states in one-dimensional phthalocyanine-molecular conductors exhibiting giant magnetoresistance"

13:40-14:00 M. Takigawa (ISSP, Japan)
OS15 "NMR investigation on the antiferromagnetism and π-d interaction in the Fe-phthalocyanine compound"

14:00-14:20 Y. Otsuka (RIKEN, Japan)
OS16 "Numerical study of charge-order correlation in one-dimensional π-d coupled conductor TPP[Fe(Pc)$(CN)_2]_2$"

14:20-14:45 J. S. Gómez-García (University of Valencia, Spain)
OS17 "ET-based paramagnetic superconductors and metals"

14:45-15:05 H. Nishikawa (Ibaraki University, Japan)
OS18 "Electrical and magnetic properties of new TTF-based metal complexes"

15:05-15:20 Coffee Break

[Molecular Magnets and Spintronics]

Chair: T. Mori

15:20-15:40	M. Matsuda (Kumamoto University, Japan)
OS19	"Electroluminescence quenching by a spin transition"
15:40-16:00	T. Ishida (The University of Electro-Communications, Japan)
OS20	"Spin dynamics of cobalt-radical one-dimensional magnets"
16:00-16:25	A. J. Schlueter（Argonne National Laboratory, USA）
OS21	"Control of orbital order and magnetic dimensionality in molecule-based magnets"
16:25-16:45	M. Yamashita (Tohoku University, Japan)
OS22	"Spintronics based on single-molecule quantum magnets"
16:45-17:10	W. Wernsdorfer (Institut Néel, France)
OS23	"Molecular spintronics using molecular nanomagnets"
17:10-17:35	A. J. Epstein (Ohio State University, USA)
OS24	

17:35- Banquet

July 3

[Spintronics]

Chair: M. Shiraishi

9:30-9:55	Z. V. Vardeny (University of Utah, USA)
OS25	"Isotope Effect in Organic Spintronics"
9:55-10:20	Y. Otani (ISSP, Japan)
OS26	"Spintronics in metallic systems"
10:20-10:45	B. Hu (University of Tennessee, USA)
OS27	"Tuning spin-dependent and spin-random electron-hole capture in magnetic field effects in organic semiconductors"
10:45-10:55	Coffee Break

Chair: Y. Otani

10:55-11:20	P. A. Bobbert (Technische Universiteit Eindhoven, Netherland)
OS28	"Magnetoresistance and spin transport in organic semiconductors
11:20-11:40	Y. Matsumoto (Japan Atomic Energy Agency, Japan)
OS29	"XMCD study of localized d spins in the C_{60}-Co compound affecting giant TMR effect in C_{60}-Co Films
11:40-13:00	Lunch

Chair: B. Hu

13:00-13:25	E. Ehrenfreund (Technion-Israel Institute of Technology, Israel)
OS30	"Magnetic field effects in organic devices based on small molecules and polymers: the competition between hyperfine, exchange and spin orbit interactions (sub-milli-tesla magnetic field effects in organic devices)
13:25-13:50	A. Dediu (Institute for Nanostructured Materials, Italy)
OS31	"Multifunctional Effects in Organic Spintronic Devices"
13:50-14:10	M. Shiraishi (Osaka University, Japan)
OS32	"Spin-dependent transport via graphene and rubrene"
14:10-14:15	Closing