

The 4th Symposium on Iodine Utilization

October 23, 2001
Chiba University, Chiba, Japan

Time Table

<i>< Oct. 23, Tue. > KEYAKI Hall, CHIBA UNIVERSITY</i>	
9:30~ 9:40	Opening Address Masataka YOKOYAMA, Chairman of FIU , Japan
9:40~10:20	<Invited Lecture> Toichiro HOSOYA (Professor emeritus, Chiba Univ., Japan) “ Biosynthesis of Thyroid Hormones ”
10:25~11:05	<Invited Lecture> Ken S. FELDMAN (Professor, Chemistry, Pennsylvania State University, USA) “ Alkynyliodonium Salts in Organic Synthesis. Applications to the Construction of Naturally Occurring Alkaloids. ”
11:05~11:45	<Invited Lecture> Hirofumi YAJIMA (Associate Professor, Science University of Tokyo, Japan) “ Coloration Features of the Complexes of Natural Polysaccharides with Iodine and Their Structural Specificities ”
11:45~12:25	<Invited Lecture> Viktor V. ZHDANKIN (Professor, University of Minnesota Duluth) “ Preparation, Structure, and Chemistry of Novel Benziodazoles “
13:00~14:30	Poster Presentations (odd numbers 13:00~13:40, even numbers 13:45~14:25)
14:50~15:55	<Plenary Lecture> Kazuo AKAGI (Prof., Institute of Materials Science, Univ. of Tsukuba, Japan) “ Role of Iodine Dopant in Electrically Conducting Polymers ”
16:00~16:40	<Invited Lecture> Shigeru HAGIWARA (Manager, Planning Dep., Nippon Chemicals Co., Ltd., Japan) “ Cyclodextrin-Iodine Inclusion Complex (CDI) As a New Antibacterial Agent ”
16:40~17:20	<Invited Lecture> Tatsuo KAIHO (Senior Chief Researcher, Process Technology Laboratory, Mitsui Chemicals Inc., (Visiting Professor of Chiba Univ.), Japan) “ Novel Applications of Iodine Compounds ”
17:40~19:00	Banquet (at KEYAKI Reception Hall, Chiba University)

An introduction by the chairman and a five minute question-and-answer period are included for the every lecture.

Poster Presentation

All posters should be posted between 13:00 and 14:30 on Oct. 23, Tue. A presenter can put their posters from 10:00.

Presenters are requested to be at their papers for discussions during the following periods:

13:00~13:45 Posters with odd numbers

13:45~14:25 Posters with even numbers

No.	TITLE	○Author, Co-authors / Affiliation
A01	Synthesis of Hypervalent Vinylodonium Salts Possessing a α -Alkoxy Group	○M. KUNISHIMA, H. HAGIYAMA, S. TANI, M. OCHIAI [†] / Kobe Gakuin Univ., Univ. of Tokushima [†]
A02	Reduction of λ^3 -Organiodanes with Tetrahydrofuran	Y. TSUCHIMOTO, T. HAYASHI, ○M. OCHIAI / Univ. of Tokushima
A03	Novel Environmentally Benign Oxidation Reaction in Water Using Hypervalent Iodine Reagents	H. TOHMA, ○T. MAEGAWA, S. TAKIZAWA, Y. KITA / Osaka Univ.
A04	Reaction of Diaryliodonium Triflates with Rieke Metals	○K. NAGATA, T. KITAMURA, and Y. FUJIWARA / Kyushu Univ.
A05	Preparation and Reactivity of Nobel Polymer-supported Hypervalent Iodine Reagents	○K. SAKURATANI, T. KAKINUMA, H. TOGO / Chiba Univ.
A06	Synthesis, Structure, and Reactivities of a Tricoordinate 1,2-Iodoxetane	○K. HOSHIBA, N. KANO, T. KAWASHIMA / The Univ. of Tokyo
A07	Direct Synthesis of Alkynyliodonium Salts from 1-Alkynes	○N. NISHIMURA, M. YOSHIDA, S. HARA / Hokkaido Univ.
A08	Generation of Allylic Barium Reagents Using Barium Iodide	○A. YANAGISAWA / Chiba Univ.
A09	Oxygenative Perfluoroalkylation of Styrenes Initiated by One-electron Reduction of Perfluoroalkyl Iodide	M. YOSHIDA, ○T. MURAOKA, H. YADA, M. IYODA / Tokyo Metropolitan Univ.
A10	Imidation of the Sulfur Atom of Monocyclic Thiophene	○T. OTANI, Y. SANO, Y. SUGIHARA, A. ISHII, J. NAKAYAMA / Saitama Univ.
A11	Development of Formation and Reaction of HI _n species : Migration of Tosyl Group in the Cyclization of 1-(3-Indolyl)-4-methylthio-2-tosyl-1,3-butadienes	○S. MATSUMOTO, T. KISHIMOTO, K. OGURA / Chiba Univ.
A12	New Synthetic Reactions Using Characteristics of Titanium Tetraiodide	○M. SHIMIZU, R. HAYAKAWA / Mie Univ.
A13	Effect of the Side Chain Group of Chitosan on the Spectroscopic Properties and Structure of Its Complex with Iodine	○M. FUKUHARA, K. TSUNODA, H. YAJIMA, T. ISHII, H. SASHIWA [†] / Tokyo Univ. of Science, Functional Polymer Section, Department of Organic Materials [†]
A14	Physicochemical Properties of the Complex of N-Methylchitosan with Iodine	○T. SHIMODE, K. TSUNODA, H. YAJIMA, T. ISHII, T. YAMAGUCHI [†] , Y. TAKIGUCHI [†] / Tokyo Univ. of Science, Chiba Institute of Technology [†]
A15	Physicochemical Properties of Cellulose-Iodine Complex	○H. MIWA, K. TSUNODA, H. YAJIMA, T. ISHII / Tokyo Univ. of Science
A16	Effect of the Conformational Change in the Substrate, Amylose, Induced by the Complexation with Iodine on the Activity and Action Mode of α -Amylase: Part II	○T. FUJISHIRO, T. TAKEMURA, H. YAJIMA, T. ISHII / Tokyo Univ. of Science
A17	Crystal design of organic conductors using "iodine bond"	○T. IMAKUBO, T. SHIRAHATA, N. TAJIMA, M. TAMURA, R. KATO, A. MIYAKE [†] , H. SAWA [†] , Y. NISHIO ^{††} , K. KAJITA ^{††} / RIKEN, Chiba Univ. [†] , Toho Univ. ^{††}

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No.	TITLE	○Author, Co-authors / Affiliation
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A18	Chemical Oscillation Reactions in the Chemical System of Iodide, Bromate and Sulfuric Acid ○S. FUJIEDA, M. YUTANI / Ochanomizu Univ.
A19	Theoretical studies on the electronic structures and photodissociation dynamics of I_3^- ○S. YABUSHITA / Keio University
A20	Coupling Reaction of Aromatic Iodides Acetylenes in Ionic Liquids ○T.FUKUYAMA, I. RYU / Osaka Prefecture Univ.
B01	Role of Iodide Ions in Superionic Conductor Glasses ○J. KAWAMURA, M. ANIYA [†] / IMRAM Tohoku Univ., Kumamoto Univ. [†]
B02	Aziridination of Olefins with Chloramine-T— I_2 Catalyst System in Aqueous Media ○S. MINAKATA, D. KANO, Y. ODERAOTOSHI, M. KOMATSU / Osaka Univ.
B03	Electrical and optical characteristics of poly[p-(methylphenylsilanyl)-anthrylene] and effects of iodine doping. ○M. TSUCHIYA, Y. HAGA / Chiba Institute of Technology
B04	Transformation of α -Iodoketone into α -Hydroxyketone Using Photoirradiation ○A. TAKEDA, R. MURAYAMA, Shun-Jun Ji [†] , T. TAKAHASHI ^{††} , A. HORIUCHI / Rikkyo Univ., Suzhou University [†] , The Jikei Univ. ^{††}
B05	Current Status of Development in Chemical Oxygen-Iodine Laser ○M. ENDO, K. NANRI, S. TAKEDA, T. FUJIOKA / Tokai University
B06	Application of Periodonium Salt to a Photoacid Generator ○N. MIYAGAWA, S. TAKAHARA, T. YAMAOKA / Chiba Univ.
B07	Friction and Wear Properties of the Evaporated Iodine Content Polyethylene Films ○T. OTANI, Y. SAKAMOTO, M. TAKAYA / Chiba Institute of Technology
B08	Friction of Iodine-impregnated aluminium oxide ○K. HIRATSUKA, Y. ASAKAWA, A. FUNAKOSHI, M. TAKAYA / Chiba Institute of Technology
B09	Accumulation and utilization of iodine by aquatic phytoplankton. ○K. IWAMOTO, Y. ICHIKAWA, T. OBATA, K. HUTATSUGI, R. SEKI, Y. SHIRAIWA / Univ. of Tsukuba
B10	Age and origin of iodine in brine from Chiba ○Y. MURAMATSU, U. FEHN [†] , S. YOSHIDA / National Institute Radiological Sciences, Univ. of Rochester [†]
B11	A Novel Catalytic Technology for CF_3I ○K. TOKOYODA, N. NAGASAKI, H. MURAMARU, S. ARAI / F-TECH, INC.
B12	A new Sandmeyer iodination using combination of alkali metal iodide and iodine as iodine sources ○N. OZEKI, N. SHIMOMURA, K. HAYASHI, A. KOIWA, H. HARADA / Eisai Co., Ltd.
B13	Thermochemical H_2 production process by Iodine-Sulfur cycle ○S. KUBO, H. NAKAJIMA, S. HIGASHI, T. MASAKI, K. ONUKI, S. SHIMIZU / Japan Atomic Energy Research Institute
C01	Tribological Properties of Anodic Oxide Coating of Aluminum Impregnated with Iodine Compound ○M. TAKAYA, K. HASHIMOTO, Y. TODA, M. MAEJIMA / Chiba Institute of Technology
C02	Impregnation into Anodic Oxidation Coating of Aluminum with Some Iodine Compounds and Its Evaluation of Antimicrobial and Mold Resistance Characteristics ○K. HASHIMOTO, Y. MASUDA, K. YOSHIDA, Y. TODA, M. TAKAYA / Chiba Institute of Technology
C03	Etching properties of ITO(indium tin oxide) films using Hydrogen iodide(HI) ○N. YANAGAWA, K. ODAGAWA, M. SADAMOTO / Mitsui Chemicals, Inc.



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