



Awards

- 1) Young Researcher Oral Presentation Awards
- 2) Student Oral Presentation Awards
- 3) Student Poster Awards



1) Young Researcher Oral Presentation Awards



The Journal of Physical Chemistry

#2EY11 Dr. Wei Wang (Nanjing Univ, China)

#5EY02 Dr. Yi Zeng (Chinese Academy of Sciences, China)

Journal Materials Chemistry A

#4EY02 Dr. Benjamin Elias (Université Catholique de Louvain, Belgium)

Journal Materials Chemistry C

#2EY07 Dr. Takumi Kinoshita (The University of Tokyo, Japan)

Photochemical & Photobiological Sciences

#5EY04 Dr. Keiichi Inoue (Nagoya Institute of Technology, Japan)

Physical Chemistry Chemical Physics

#4EY06 Dr. Robert Matthew Edkins (University of Oxford, United Kingdom)

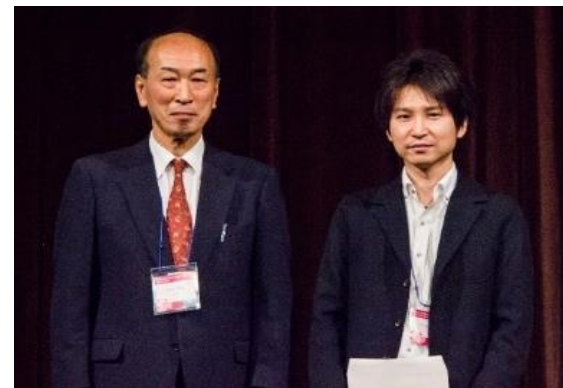
Winners of Young Researcher Oral Presentation Awards



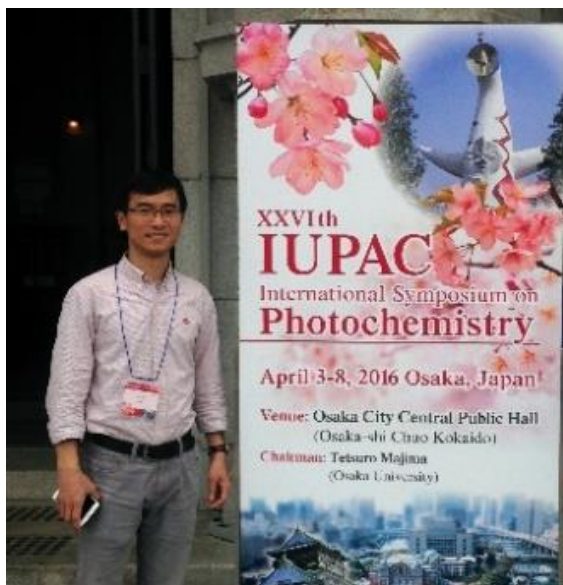
PPS, Keiichi Inoue



PCCP, Robert Matthew Edkins



JMCC, Takumi Kinoshita



JPC, Yi ZENG



JPC, Wei Wang



JMCA, Benjamin Elias

Young Researcher Oral Presentation Awards





The Journal of Physical Chemistry

#2EY11 Dr. Wei Wang (Nanjing Univ, China)

CHEMICAL PROCESSES OF SINGLE NANOPARTICLES STUDIED BY SURFACE PLASMON RESONANCE MICROSCOPY

Wei Wang, Yimin Fang

State Key Laboratory of Analytical Chemistry for Life Science, School of Chemistry & Chemical Engineering, Nanjing University, Nanjing, Jiangsu 210023, China

E-mail: wei.wang@nju.edu.cn

#5EY02 Dr. Yi Zeng (Chinese Academy of Sciences, China)

A COLORIMETRIC AND RATIOMETRIC FLUORESCENCE SENSOR FOR SENSITIVE DETECTION OF FLUORIDE IONS IN WATER

Yi Zeng, Bo Qiu, Yi Li

Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Beijing 100190, China E-mail: zengyi@mail.ipc.ac.cn



Journal Materials Chemistry A

#4EY02 Dr. Benjamin Elias (Université Catholique de Louvain, Belgium)

HYDROGEN PHOTO-EVOLUTION FROM A GREEN ABSORBING IRIDIUM-COBALT DYAD

Alexandre Jacques, Olivier Schott, Garry S. Hanan, Benjamin Elias

Université catholique de Louvain, Institute of Condensed Matter and Nanosciences

Place L. Pasteur 1, bte L4.01.02, B-1348 Louvain-la-Neuve, Belgium

E-mail: Benjamin.Elias@uclouvain.be

Journal Materials Chemistry C

#2EY07 Dr. Takumi Kinoshita (The University of Tokyo, Japan)

WIDEBAND DYE-SENSITIZED SOLAR CELLS EMPLOYING SINGLET-TRIPLET TRANSITIONS

Takumi Kinoshita, Satoshi Uchida, Takaya Kubo, Hiroshi Segawa

Research Center for Advanced Science and Technology, The University of Tokyo, 4-6-1

Komaba, Meguro-ku, Tokyo, Japan

E-mail: utkino@mail.ecc.u-tokyo.ac.jp



Photochemical & Photobiological Sciences

#5EY04 Dr. Keiichi Inoue (Nagoya Institute of Technology, Japan)

SPECTROSCOPIC AND STRUCTURAL STUDIES ON LIGHT-DRIVEN SODIUM PUMP RHODOPSIN

Keiichi Inoue, Hideki Kandori

Department of Frontier Materials, Nagoya Institute of Technology, Gokiso-cho, Showa-ku, Nagoya 466-8555, Japan

E-mail: inoue.keiichi@nitech.ac.jp

Physical Chemistry Chemical Physics

#4EY06 Dr. Robert Matthew Edkins (University of Oxford, United Kingdom)

TUNING THE OPTICAL AND ELECTRONIC PROPERTIES OF BORON-CONTAINING ELECTRON-ACCEPTOR GROUPS

Robert M. Edkins, Zuolun Zhang, Todd B. Marder

Department of Chemistry, University of Oxford, Chemistry Research Laboratory, Oxford OX1 3TA, United Kingdom

E-mail: robert.edkins@chem.ox.ac.uk



2) Student Oral Presentation Awards



The Journal of Physical Chemistry

#2EY11 Dr. Wei Wang (Nanjing Univ, China)

#5EY02 Dr. Yi Zeng (Chinese Academy of Sciences, China)

Journal Materials Chemistry A

#4EY02 Dr. Benjamin Elias (Université Catholique de Louvain, Belgium)

Journal Materials Chemistry C

#2EY07 Dr. Takumi Kinoshita (The University of Tokyo, Japan)

Photochemical & Photobiological Sciences

#5EY04 Dr. Keiichi Inoue (Nagoya Institute of Technology, Japan)

Physical Chemistry Chemical Physics

#4EY06 Dr. Robert Matthew Edkins (University of Oxford, United Kingdom)



The Journal of Physical Chemistry

#5AS04 Stefan Reiner Riese (Universität Würzburg, Germany)

#5ES04 Philip Schäfer (Université de Bordeaux, France)

Journal Materials Chemistry A

#5BS06 Yuwaraj K. Kshetri (Sun Moon University, Republic of Korea)

Journal Materials Chemistry C

5CS07 Priyanka Verma (Osaka University, Japan)

Photochemical & Photobiological Sciences

5ES05 Serra Arslançan (Universidad Autónoma de Madrid, Spain)

Physical Chemistry Chemical Physics

#5DS06 Tomislav Suhina (University of Amsterdam, The Netherlands)

Winners of Student Oral Presentation Awards



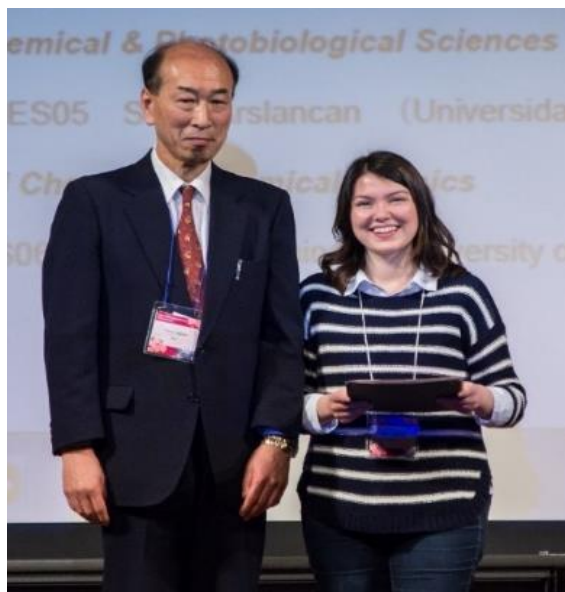
JPC, Stefan R. Riese



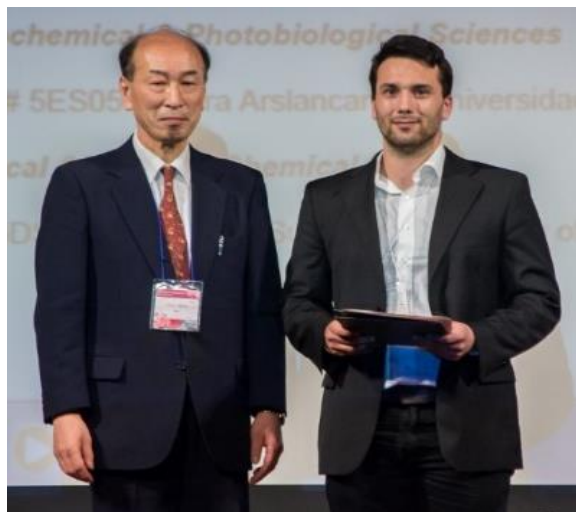
JPC, Philip Schäfer



JMCA, Yuwaraj K. Kshetri



PPS, Serra Arslan

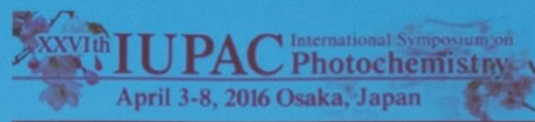


PCCP, Tomislav Suhina



JMCC, Priyanka Verma

Student Oral Presentation Awards



The Journal of Physical Chemistry

#5AS04 Stefan Reiner Riese (Universität Würzburg, Germany) -19

#5ES04 Philip Schäfer (Université de Bordeaux, France) -20

Journal Materials Chemistry A

#5BS06 Yuwaraj K. Kshetri (Sun Moon University, Republic of Korea) -21

Journal Materials Chemistry C

5CS07 Priyanka Verma (Osaka University, Japan) -22

Photochemical and Photobiological Sciences

5ES05 ... Arslançan (Universidad ... de Madrid) ...





The Journal of Physical Chemistry

5AS04 Stefan R. Riese, *Universität Würzburg,*

PHOTOPHYSICS AND SPIN-CHEMISTRY IN DONOR-ACCEPTOR-SUBSTITUTED DIPYRRINATO-METAL-COMPLEXES

Stefan R. Riese, Christoph Lambert

Institut für Organische Chemie & Center for Nanosystems Chemistry, Universität Würzburg, Am Hubland, 97074 Würzburg, Germany

E-mail: christoph.lambert@uni-wuerzburg.de

5ES04 Philip Schäfer, *Université de Bordeaux*

N-ACENE-BASED SELF-ASSEMBLED NANO-RIBBONS: GROWTH MECHANISMS, COLOR-TUNING FLUORESCENCE AND AN ORTHOGONAL NETWORK

Philip Schäfer, Christiaan de Vet, Guillaume Raffy, André Del Guerzo

Institut des Sciences Moléculaires (ISM-UMR5255), Université de Bordeaux, CNRS, 351 Cours de la Libération – 33400 Talence, France

Email: philip.schafer@u-bordeaux.fr



Journal Materials Chemistry A

5BS06 Yuwaraj K. Kshetri, Sun Moon University, Korea

UPCONVERSION IN HIGHLY TRANSPARENT ALFA-SIALON CERAMICS

Yuwaraj K. Kshetri, Soo Wohn Lee

Department of Advanced Material Engineering, Sun Moon University, Chungnam 31460, Republic of Korea

E-mail: yuwarajkhatri@gmail.com

Journal Materials Chemistry C

5CS07 Priyanka Verma, Osaka University

DESIGN OF PLASMONIC Pd/Ag BIMETALLIC NANOCATALYST FOR EFFICIENT CATALYSIS UNDER VISIBLE LIGHT IRRADIATION

Priyanka Verma, Yasutaka Kuwahara, Kohsuke Mori, Hiromi Yamashita

Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University, 2-1 Yamadaoka, Suita, Osaka 565-0871, Japan

E-mail: yamashita@mat.eng.osaka-u.ac.jp



Photochemical & Photobiological Sciences

5ES05 Serra Arslançan, *Universidad Autónoma de Madrid*

**UNDERSTANDING PHOTOPHYSICS OF THIOSUBSTITUTED PYRIMIDINE
NUCLEOBASES: POPULATION OF TRIPLET STATES INFLUENCED BY THE
POSITION AND DEGREE OF THIOSUBSTITUTION**

**Serra Arslançan, Lara Martínez-Fernández, Marvin Pollum, Carlos Crespo-
Hernández, Martial Boggio-Pasqua, Maurizio Persico, Giovanni Granucci, Inés
Corral**

*Departamento de Química, Universidad Autónoma de Madrid, Cantoblanco, 28049,
Madrid, Spain*

E-mail: arslançan.serra@uam.es



Physical Chemistry Chemical Physics

5DS06 Tomislav Suhina, *University of Amsterdam*

**USING FLUORESCENCE TO SHED LIGHT ON CONTACT MECHANICS:
MOLECULES WITH A TWIST**

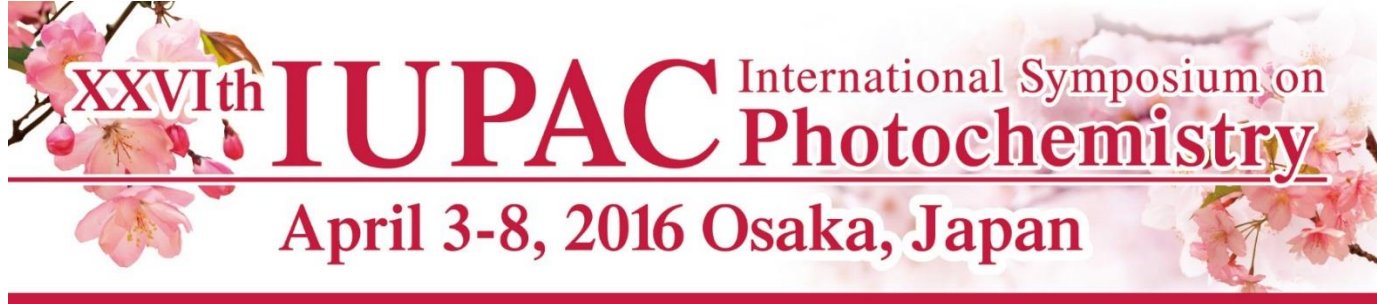
Tomislav Suhina, Bart Weber, Daniel Bonn and Fred Brouwer¹

*University of Amsterdam, HIMS Molecular Photonics, Science Park 904, 1098 XH
Amsterdam, The Netherlands*

E-mail: t.suhina@uva.nl



3) Student Poster Awards



The Journal of Physical Chemistry

#1P31 Taeyeon Kim (Yonsei University, Republic of Korea)

#4P38 Julian Schäfer (University of Würzburg, Germany)

Journal Materials Chemistry A

#1P33 Naoto Nagami (Nara Institute of Science and Technology, Japan)

Journal Materials Chemistry C

#4P60 Ruotian Chen (Chinese Academy of Sciences, China)

Dalton Transactions

#4P61 Peng Zeng (The University of Melbourne, Australia)

Photochemical & Photobiological Sciences

#2P48 Claus Bier (Heinrich-Heine-University, Germany)

Physical Chemistry Chemical Physics

#2P31 Byung Hak Jhun (Ewha Womans University, Republic of Korea)

Photochemistry and Photobiology

#1P36 Marine Louis (ENS Cachan Université Paris-Saclay, CNRS, France)

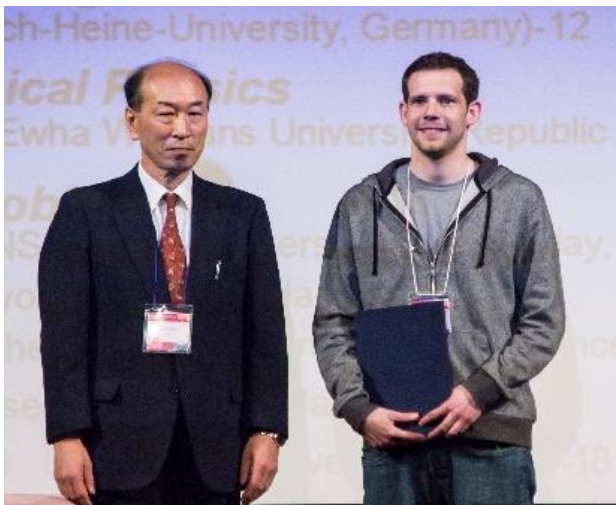
#1P39 Naoki Maeda (Kyoto University, Japan)

#1P48 Meijuan Jiang (The Hong Kong University of Science and Technology, China)

#2P30 Jun Komiya (Waseda University, Japan)

#2P50 Satish Jakkampudi (Hiroshima University, Japan)

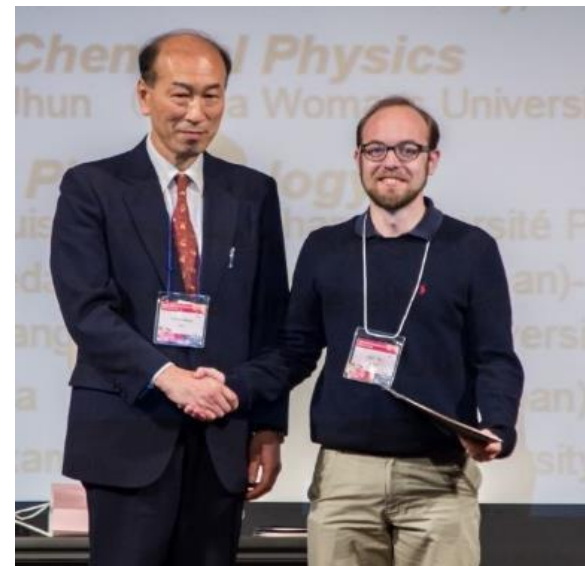
Winners of Student Poster Presentation Awards



JPC, Julian Schäfer



Dalton, Peng Zeng



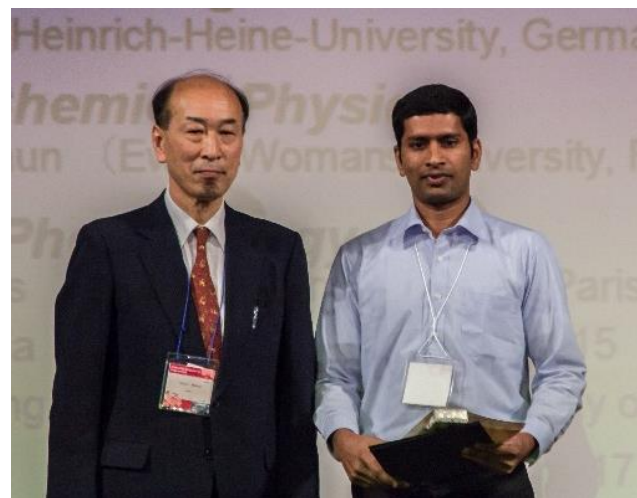
PPS, Claus Bier



Photochem Photobiol, Marine Louis



Photochem Photobiol,
Meijuan Jiang



Photochem Photobiol,
Satish Jakkampudi

Student Poster Presentation Awards

Student Poster Awards

The Journal of Physical Chemistry

#1P31 Taeyeon Kim (Yonsei University, Republic of Korea)-7

#4P38 Julian Schäfer (University of Würzburg, Germany)-8

Journal Materials Chemistry A

#1P33 Naoto Nagami (Nara Institute of Science and Technology, Japan)-9

Journal Materials Chemistry C

#4P60 Ruotian Chen (Chinese Academy of Sciences, China)-10

Dalton Transactions

#4P61 Peng Zeng (The University of Melbourne, Australia)-11

Photochemical & Photobiological Sciences

#2P48 Claus Bier (Heinrich-Heine-University, Germany)-12

Physical Chemistry Chemical Physics

#2P33 Byung Ha Kim (Ewha Womans University, Republic of Korea)-13

Photochemical & Photobiological Sciences

#2P33 Byung Ha Kim (Ewha Womans University, Republic of Korea)-13



Winners of Student Poster Presentation Awards



JPC, Taeyeon Kim



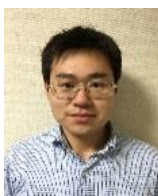
JMCC, Ruotian Chen



JMC A,
Naoto Nagmi



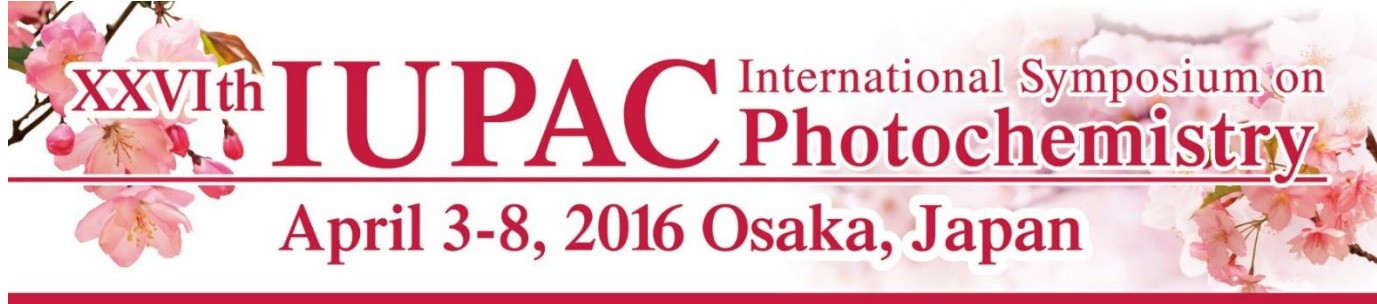
PCCP,
Byung Hak Jhun



Photochem Photobiol,
Jun Komiya



Photochem Photobiol,
MaedaNaoki



The Journal of Physical Chemistry

#1P31 Taeyeon Kim (Yonsei University, Republic of Korea)

THE LINKAGE POSITION DEPENDENT EXCITONIC COUPLING THROUGH TWO TYPES OF β,β LINKED LINEAR PORPHYRINS

Taeyeon Kim, Hua-Wei Jiang, Atsuhiko Osuka, and Dongho Kim

Spectroscopy Laboratory for Functional π -Electronic Systems and Department of Chemistry, Yonsei University, Seoul 120-749, Korea

E-mail: ty1211@yonsei.ac.kr

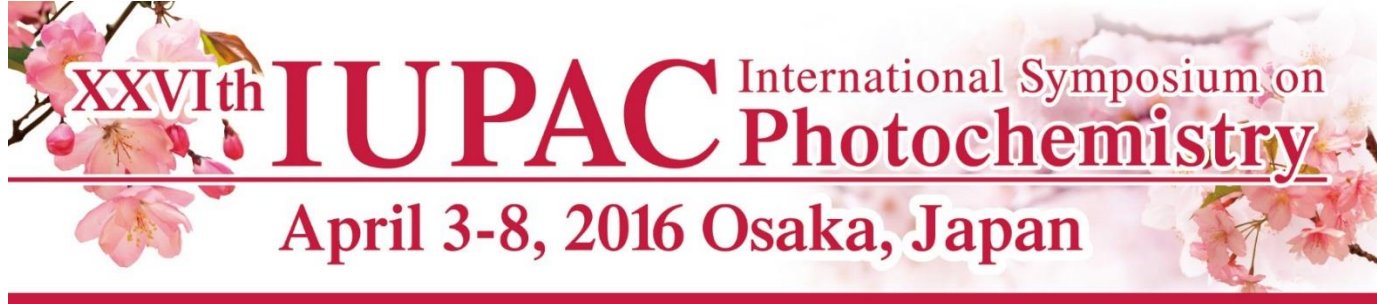
#4P38 Julian Schäfer (University of Würzburg, Germany)

OPTICALLY INDUCED ELECTRON TRANSFER AND THERMAL ELECTRON TRANSFER IN BIS(TRIARYLAMINE) MIXED-VALENCE RADICAL CATIONS WITH BENZENE BRIDGING UNITS

Julian Schäfer, Boryana Mladenova, Christoph Lambert

Institute of Organic Chemistry, University of Würzburg, and Center for Nanosystems Chemistry, Am Hubland, D-97074 Würzburg

E-mail: christoph.lambert@uni-wuerzburg.de



Journal Materials Chemistry A

#1P33 Naoto Nagami (Nara Institute of Science and Technology, Japan)

DEVELOPING SOLUTION-PROCESSABLE PHOTOPRECURSORS OF NARROW-BAND-GAP P-TYPE MATERIALS TOWARDS EFFICIENT ORGANIC SOLAR CELLS

Naoto Nagami, Katsuya Takahira, Yuji Yamaguchi, Mitsuharu Suzuki, Ken-ichi Nakayama, Hiroko Yamada¹

Graduate School of Materials Science, Nara Institute of Science and Technology, 8916-5 Takayama-cho, Ikoma, Nara 630-0192, Japan

E-mail: nagami.naoto.nd7@ms.naist.jp

Journal Materials Chemistry C

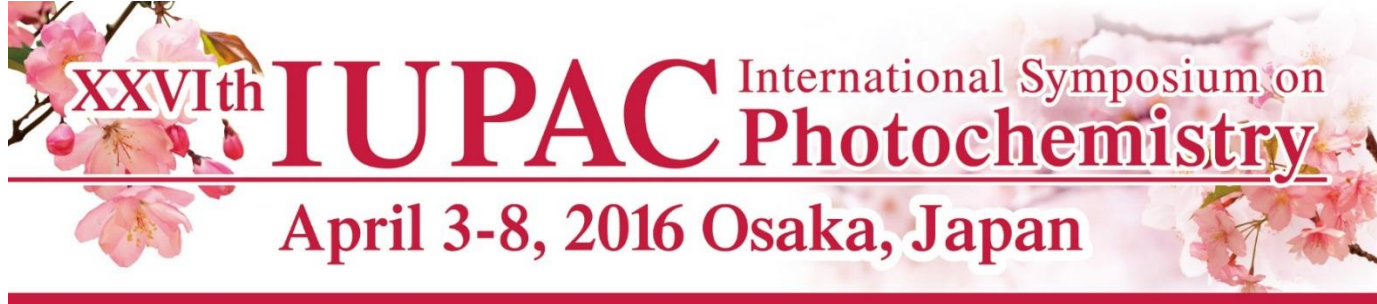
#4P60 Ruotian Chen (Chinese Academy of Sciences, China)

VISUALIZING THE PHOTOGENERATED CHARGE SEPARATION ON SINGLE CRYSTAL Cu₂O PHOTOCATALYST

Ruotian Chen, Jian Zhu, Fengtao Fan, Can Li

State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, CAS, Dalian National Laboratory for Clean Energy, Zhongshan Road 457, Dalian, 116023, China.

E-mail: rtchen@dicp.ac.cn



Dalton Transactions

#4P61 Peng Zeng (The University of Melbourne, Australia)

SHELL EFFECTS ON HOLE-COUPLED ELECTRON TRANSFER DYNAMICS IN QUASI-TYPE II CdSe/CdS QUANTUM DOT-METHYL VIOLOGEN COMPLEXES

Peng Zeng, Nicholas Kirkwood, Paul Mulvaney, Klaus Boldt, Trevor A. Smith

School of Chemistry, The University of Melbourne, Parkville, Victoria 3010, Australia,

E-mail: p.zeng1@student.unimelb.edu.au

Photochemical & Photobiological Sciences

#2P48 Claus Bier (Heinrich-Heine-University, Germany)

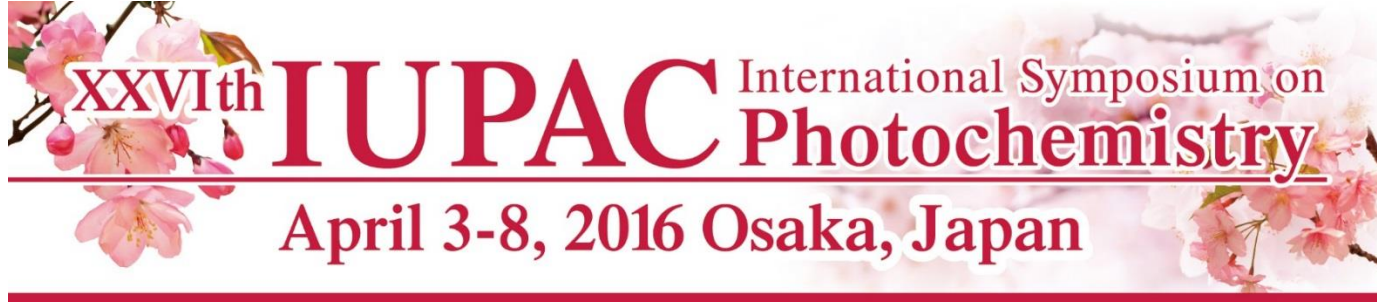
CAGED COMPOUNDS FOR BIOTECHNOLOGICAL APPLICATIONS

Claus Bier, Dennis Binder, Alexander Grünberger, Dagmar Drobietz, Jennifer Hage-Huelsmann, Dietrich Kohlheyer, Anita Loeschcke, Karl E. Jaeger, Thomas Drepper, Jörg Pietruszka

Institut für Bioorganische Chemie (IBOC) Heinrich-Heine-Universität Düsseldorf,

Forschungszentrum Jülich, Germany

E-mail: c.bier@fz-juelich.de



Physical Chemistry Chemical Physics

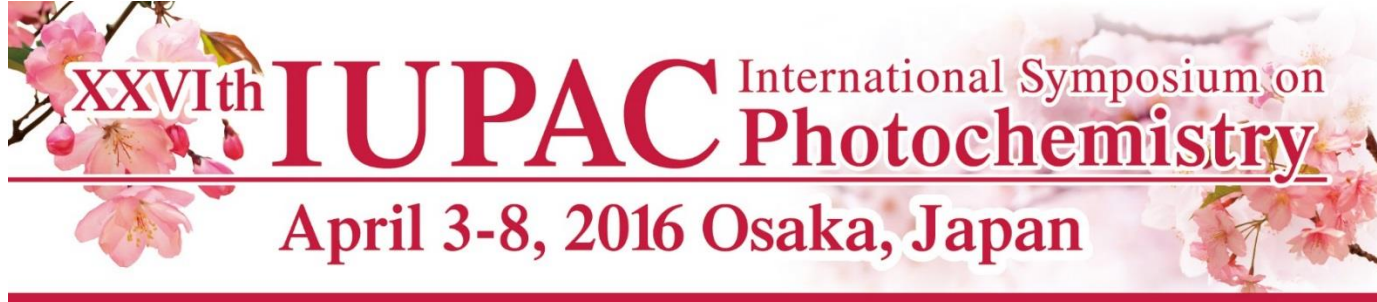
#2P31 Byung Hak Jhun (Ewha Womans University, Republic of Korea)-13

**TWO CHARGE-TRANSFER STRATEGIES FOR TURNING ON NON-
FLUORESCENT
COUMARIN**

Byung Hak Jhun, Youngmin You

*Division of Chemical Engineering and Materials Science, Ewha Womans University, Seoul
03760, Korea*

E-mail: zmfhtm2045@snu.ac.kr



Photochemistry and Photobiology

#1P36 Marine Louis (ENS Cachan Université Paris-Saclay, CNRS, France)

SYNTHESIS AND PHOTOPHYSICAL PROPERTIES OF MECHANOFUOROCHROMIC MOLECULAR MATERIALS

**Marine Louis, Arnaud Brosseau, Gilles Clavier, Fuyuki Ito, Laurence Bodelot,
Clémence Allain, Rémi Metivier**

*PPSM UMR8531 CNRS, ENS Cachan Université Paris-Saclay, Cachan, France,
Email: marine.louis@ens-cachan.fr*

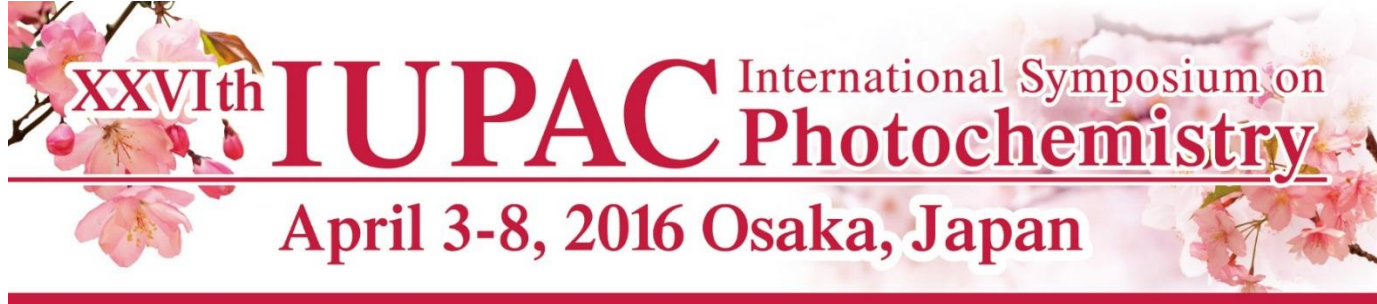
#1P39 Naoki Maeda (Kyoto University, Japan)

SURFACE CONFINED SELF-ASSEMBLY COMPOSED OF DIARYLETHENES AT THE LIQUID/SOLID INTERFACE AND EFFECT OF SUBSTITUTION POSITION OF THIENYL GROUP

Naoki Maeda, Takashi Hirose, Soichi Yokoyama, Kenji Matsuda

*Graduate School of Engineering, Kyoto University, Katsura, Nishikyo-ku, Kyoto 615-8510,
Japan*

E-mail: maeda.naoki.45w@st.kyoto-u.ac.jp



Photochemistry and Photobiology

#1P48 Meijuan Jiang (The Hong Kong University of Science and Technology, China)

TRIPHENYLAMINE-SUBSTITUTED GREEN FLUORESCENT PROTEIN CHROMOPHORE: A FLUORESCENT PROBE WITH LARGE TWO PHOTON ABSORPTION CROSS SECTION FOR LIPID DROPLET IMAGING

Meijuan Jiang, Ben Zhong Tang

Department of Chemistry, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong, China

E-mail: tangbenz@ust.hk

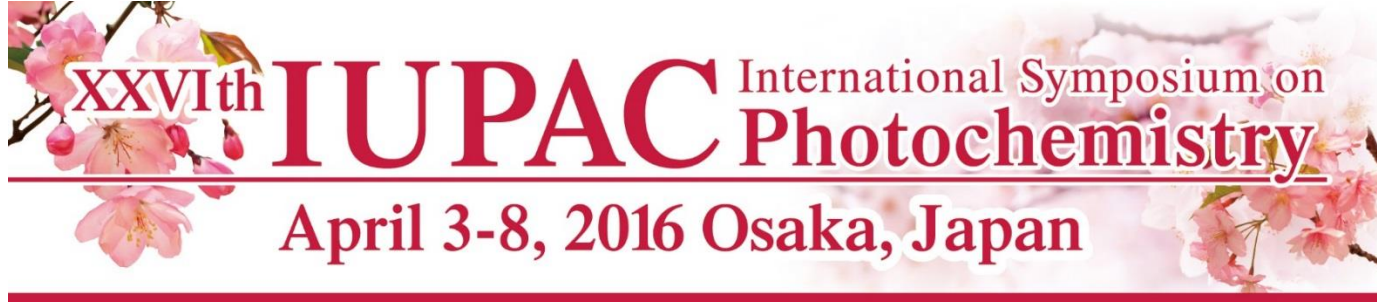
#2P30 Jun Komiya (Waseda University, Japan)

FAST PHOTOCHROMIC PROPERTIES OF PABI CRYSTALS

Jun Komiya, Seiichi Tanaka, Ken Onda, Aya Sakon, Hidehiro Uekusa, Hideko Koshima, Toru Asahi

School of Advanced Science and Engineering, Waseda University, 2-2, Wakamatsu-cho, Shinjyuku-ku, Tokyo 162-8480, Japan

E-mail: comjun87@akane.waseda.jp



Photochemistry and Photobiology

#2P50 Satish Jakkampudi (Hiroshima University, Japan)-18

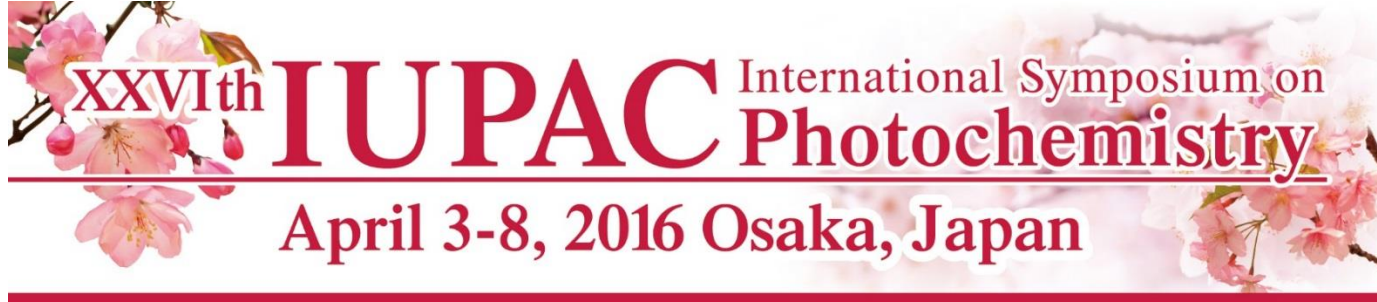
DESIGN AND SYNTHESIS OF A ETHYLENE GLYCOL TETRAACETICACID (EGTA) DERIVATIVE FOR NEW GENERATION OF CAGED CALCIUM COMPOUNDS WITH TWO-PHOTON ABSORPTION (TPA) PROPERTY, AND IT'S APPILICATIONS IN VIVO

Satish Jakkampudi, Manabu Abe, Ryukichi Takagi, Haruo Kasai

Department of Chemistry, Graduate School of Science, Hiroshima University,1-3-1 Kagamiyama, Higashi-Hiroshima, Hiroshima 739-8526, Japan

E-mail: jakkampudi.satish@gmail.com

Photographs of Award Winners



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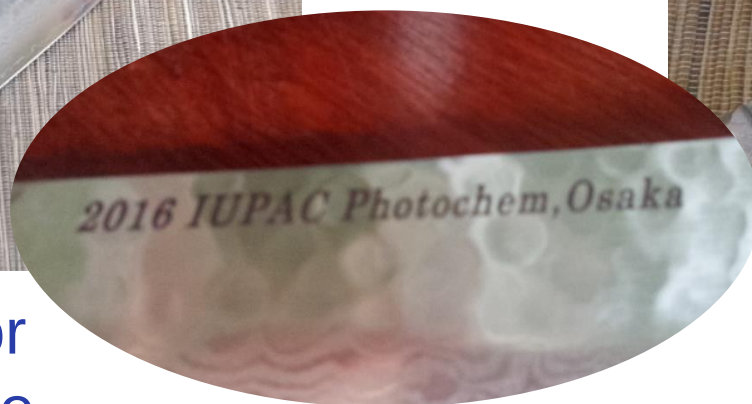
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Photochemistry and Photobiology
Sakai Knife (Traditional handicrafts of Osaka,
600 years old history)

Prize



Most of chiefs for
Japanese cuisine
uses Sakai knife



Top Samurai knows
good sword
Top chief knows
good knife

Sakai Knife

**Traditional handicrafts of Osaka
which has 600 years old history**