【无机化学论坛】**Preparation of oligoaza-nanographenes from pyrroles and their aromaticity**

报告人: **Prof. Hidemitsu Uno**

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时间：2019年10月16日（周三） 下午15:00—16:30

地点：北京大学化学学院A区717报告厅.

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**Education**

1976.4-1980.3 Faculty of Science, Kyoto University (B. C.)

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1982.4-1984.5 Graduate School of Kyoto University (D. C)

1986.7 Ph. D from Kyoto University

**Academic Career**

1984.5~1989.3 Assistant professor, Advanced Instrumentation Center for Chemical Analyses, Ehime University

1989.4~2003.3 Associate professor, Advanced Instrumentation Center for Chemical Analyses, Ehime University

1991.10~1993.3 Ramsay memorial fellow, Oxford University, (Sir Prof. Jack E. Baldwin)

2003.4~2009.3 Professor, Integrated Center for Sciences, Ehime University

2006.4~2008.3 Member of Ehime University Council

2008.4~2011.3 Visiting professor, Institute for Materials Chemistry and Engineering, Kyushu University

2008.4~2011.3 Visiting professor, The Open University of Japan

2009.4~present Professor, Department of Chemistry and Biology, Graduate School of Science and Engineering, Ehime University

2012.4~2013.3 Vice Dean, Faculty of Science, Ehime University

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**Research Fields**

Organic reaction chemistry; Organic halogen chemistry; Organic materials chemistry; Natural product chemistry; Synthetic organic chemistry.

**Laboratory Homepage**

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**Professional Society**

The Chemical Society of Japan

The Royal Society of Chemistry, (Fellow, 2011~present)

The Society of Synthetic Organic Chemistry, Japan (Director, 2017~2019)

The Society of Physical Organic Chemistry, Japan (Director, 2015~present)

The Japanese Association for Organic π-Electron Systems (Director, 2013~present)

Community of Bromine Application (Chairman, 2007~present)

**Research Keywords**

NIR-Dye, -Expanded porphyrin; Fullerene; Pentacene; Organic field-effect transistor; Pericyclic reaction; Natural procuct synthesis

**Publications** (Recent 5 years)

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8. Synthesis of bicyclo[2.2.2]octadiene-fused sapphyrins and their thermal conversion, T. Okujima, T. Abe, S. Mori, T, Nakae, and H. Uno, *Heterocycles* **2018**, 96(7), 1239-1247. DOI: 10.3987/COM-18-13910. (Citation 0)
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26. Synthesis of hexagonal shape-persistent cyclophane with D2h symmetry, K. Tagawa, S. Mori, M. Takase, T. Okujima, I. Hisaki, and H. Uno, *Tetrahedron Lett.* **2016***, 57*(36)*,* 4079-4081*.* DOI: 10.1016/j.tetlet.2016.07.086. (Citation 3)
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33. 4,​8-​Dihydropyrrol[3,​4-*​f*]​isoindole as a useful building block for near-​infrared dyes, H. Uno, M. Nakamura, K. Jodai, S. Mori, and T. Okujima, *Heterocycles,* **2015**, *90(2)*, 1158-1167, DOI:10.3987/COM-14-S(K)91. (Citation 1)
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35. The β-​Silyl Effect on the Memory of Chirality in Friedel-​Crafts Alkylation Using Chiral α-​Aryl Alcohols, T. Nokami, Y. Yamane, S. Oshitani, J. Kobayashi, S. Matsui, T. Nishihara, H. Uno, S. Hayase, and T. Itoh, *Org. Lett.*, **2015**, *17*(12), 3182-3185. DOI:10.1021/acs.orglett.5b0158. (Citation 11)
36. A mechanistic study on SHi reaction at tin atoms in a radical cascade reaction, A. Kamimura, T. Yoshinaga, F. Noguchi, K. Miyazaki and H. Uno, *Org. Chem. Front.*, **2015**, *2*, 713-720. DOI: 10.1039/C5QO00063G. (Citation 0)

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