

**The International University Exchange Symposium on Chemistry 2019**  
**-3rd Kyutech-OTU Symposium on Chemistry 2019**  
**-62nd International Symposium on Dentistry and Engineering Cooperation**

**December 3 (Tue) – 5 (Thu), 2019**

Interactive Learning Studio (MILAiS), room 8-1A

Presentation time (general)

Professors: 20 min slot including 5 min for discussion and handover

PhD students: 15 min slot including 3 – 5 min for discussion and handover

Students: 10 min slot including 3 min for discussion and handover

**Symposium Program**

**December 3 (Tue)** Interactive Learning Studio (MILAiS), 13:20 – 17:40

※ 2 コマ分認定

13:20    **Opening remarks**

Chair : Mitsuru Kitamura

13:30    I-1 Akihiko Tsuge  
**Development of Ambidextrous Gelators Based on Molecular Design**

13:50    I-2 Kota Tsubaki  
**Efficient synthetic method for the preparation of phosphate triesters**

14:05    I-3 Matthew Hammill  
**Red-shifting Internal Azobenzene Derivative Spacers for Selective and Tunable Photocontrol of Activity of siRNAs**

Chair : Tatsuo Okauchi

14:20    I-4 Irla Siva Kumar  
**Tri-s-triazine (s-heptazine), a novel electron-deficient core for soft self-assembled supramolecular structures**

14:35    I-5 Kohei Teratani  
**Novel Synthesis Method of  $\gamma$ -Lactam from Vinylketenimine-iron Complexes**

14:45    I-6 Takashi Eto  
**Diazotization of phenol using azido imidazolinium salt**

14:55    (Break)

Chair : Jean-Paul Desaulniers

15:10    I-7 Sirinuch Loiha  
**Catalytic behavior of  $\text{Fe}_3\text{O}_4/\text{HZSM-5}$  prepared by different methods on ethanol-steam reforming**

15:30    I-8 Rabindranath Garai  
**Energy Efficient Synthesis of Conjugated Polymers through Closed Microwave Reactor for High-performance Ambient Condition Processed Polymer Solar Cells and Organic Thin Film Transistors**

15:45    I-9 Pakin Noppawan  
**Chemical constituents and their cytotoxicity from the wood decaying *Xylaria* fungi**

16:00 I-10 Masataka Okuyama  
**Synthesis and Structural Properties of Organic Semiconductor Compounds Having Hetero-aromatic Linker(s)**

16:10 I-11 Kenta Tsuruta  
**Synthetic study of kosinostatin aglycone using Rh-catalyzed reaction of diazonaphthoquinone**

16:20 (Break)

Chair : Shigeori Takenaka

16:35 I-12 Jeffery Regier  
**Pd-catalyzed Arylation of Exocyclic Glycols**

16:50 I-13 Ryusuke Takeuchi  
**Cyclic naphthalene diimide dimer Suitable as G4 Cluster Ligand**

**62nd International Symposium on Dentistry and Engineering Cooperation talk**

Chair : Shigeori Takenaka

17:05 I-14 Takanori Oyoshi  
**Is DNA a double-stranded helix?**  
**-The relationship between DNA local conformations and epigenetics-**

**Photo session (Group photo) @MILAiS**

**Reception @ Cafe de Rouge Blanc 18:00~**

◆九州工業大学大学院工学府博士後期課「工学融合科目」として  
受講する場合の注意事項

事前に、次の事項を明記して担当教員まで連絡すること。

なお、**事前連絡**がない場合は単位として認定されない場合があるので留意すること。

・氏名・学生番号・指導教員名・携帯番号・メールアドレス

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