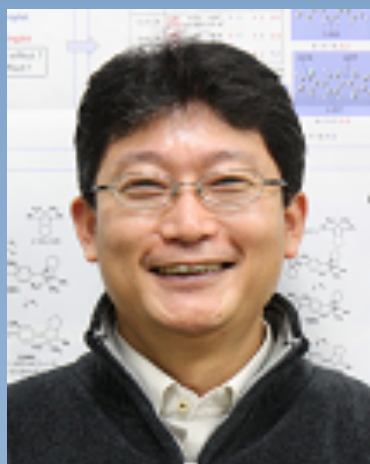


95th WPI IIS Seminar

Design, synthesis and reaction of new two-photon absorption chromophores for near-IR uncaging reactions

Caged compounds, in which biologically active molecules are inactivated by photoremovable protecting groups, can uncage (= release) them upon photolysis whenever and wherever you want. Spatial and temporal control of the uncaging process allows detailed investigation of the role of bioactive molecules *in vivo*. Here, we report design, synthesis, and reaction of novel chromophores with two-photon absorption character in near IR region of light.



Speaker:

Dr. Manabu Abe

Department of Chemistry, Graduate School of Science, Hiroshima University

Date: Monday, November 28, 2016

Time: 14:00 - 15:00

**Venue: 1F Auditorium, IIS Building
University of Tsukuba**



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