

# 77<sup>th</sup> WPI IIS Seminar

## Rapid synthesis catalysts meet plant biology and chronobiology

Small-molecule approach can be complementary to genetic approaches for exploring biology and beyond. The Institute of Transformative Bio-Molecules (ITbM) at Nagoya aims at developing game-changing molecules and molecular technology for plant biology, chronobiology, and live imaging. By using our original rapid molecule-assembling catalysts, a number of lead compounds were rapidly discovered. In this talk, I will describe the overview of ITbM and our exciting on-going collaborative projects merging synthetic chemistry, plant biology, animal biology, computational chemistry, and live imaging.

Speaker:

**Dr. Kenichiro Itami**

Institute of Transformative Bio-Molecules  
(WPI-ITbM), Nagoya University

**Date: Wednesday, April 13, 2016**

**Time: 11:00 - 12:00**

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

☆ Light refreshments will be served.



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