Up-conversion Materials for Bio-applications

Presented by Mr. Yuan Du

Date: 27th October 2006 (Friday)
Time: 12:00 to 12:30 pm
Venue: LT 3

Abstract

NaYF₄: Yb, Er (Tm) is known as one of the most efficient up-conversion materials since 1970s. Recently it has been demonstrated to be potential in bio-imaging under Near Infrared excitation. Further bio-application requires the use of nano-scale NaYF₄: Yb, Er (Tm). The study present is mainly about the size effect on the optical properties with the aid of preliminary data.

Mr. Yuan Du Speaker

Mr. Yuan Du received his bachelor’s degree from Materials Science Department, NUS. He is now carrying on his postgraduate study under the guidance of Prof. Chow Gan Moog.

Dr Xue Jun Min Host

ALL ARE WELCOME!