

The 22nd JUACEP Seminar

第 22 回 名古屋大学日米協働教育プログラムセミナー

“Ceramic Matrix Composites for Aircraft Engines”

Lecturer: Professor Jenn-Ming Yang

**Department of Materials Science and Engineering
University of California, Los Angeles**

BIOGRAPHY:

Associate Dean, Henry Samuel School of Engineering and Applied Science
Professor, Department of Materials Science and Engineering, UCLA
Ph.D. (1986) Applied Sciences - Metallurgy, University of Delaware, Delaware
B.S. (1979) Materials Science and Engineering, National Tsing-Hua University, Taiwan

HONORS AND AWARD:

R&D 100 Award, 2010
Best Paper Award, Japan Society of Mechanical Engineers, 2007
Ford Foundation Award, 1994
Alcoa Foundation Award, 1993
Presidential Young Investigator Award, National Science Foundation, 1990-1995

Date: Wednesday, July 30, 2014

Time: 13:30 - 15:00

Venue: IB011 (IB Building)

*** 事前参加登録不要**

Continuous fiber-reinforced ceramic matrix composites (CMCs) are promising light weight structural materials for aircraft turbine engine components. CMCs have been developed to achieve damage tolerant quasi-ductile fracture behavior, while maintaining all other advantages of monolithic ceramics at high temperatures. The current status and challenges in developing CMCs for high temperature aerospace applications will be discussed.

Inquiry: JUACEP Office, Grad School of Eng. (Ext. 2799)

問合せ: 工学研究科 JUACEP 事務局 (内 2799)