



Crystal Interface Lab. Seminar Series

Institute of Engineering Innovation
The University of Tokyo

“HANDS-ON LEARNING IN MIT'S DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING”



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Abstract

MIT's seal (emblem) was designed in 1864 and includes the Latin motto "Mens et Manus"—Mind and Hand—emphasizing the early recognition that putting ideas into practical use would be an essential part of an MIT education. Today we pay attention to "experiential learning" as a way to connect abstract concepts with the physical world. Traditional crafts of blacksmithing (metal forging), foundry (metal casting) and glassblowing are still practiced at MIT because of their historical interest, educational value, and appeal to students. Our undergraduate laboratories engage students in a very wide range of experimental studies that complement our classroom lectures. And facilities like the MIT Hobby Shop are used by students and staff to pursue all manner of building projects, from musical instruments to airplanes. My seminar will give an overview of these activities and how our students benefit from using them.

October 3 (Thu), 2013 9:30 -11:00

**Main meeting room at Institute of Engineering Innovation, UT
(工学部総合研究機構 9号館 1階 大会議室)**

Organizer: Prof. Yuichi Ikuhara