

Nanotech CUPAL

N.I.P. course introduction

Thursday, July 13 15:00-16:00

Hokkaido University Conference Hall Fourth meeting room

Nanotech Career-up Alliance (Nanotech CUPAL)

was established based on subsidized projects for fostering of science and technology personnel "The construction project for the consortium of the fostering of science and technology personnel" in FY 2014.

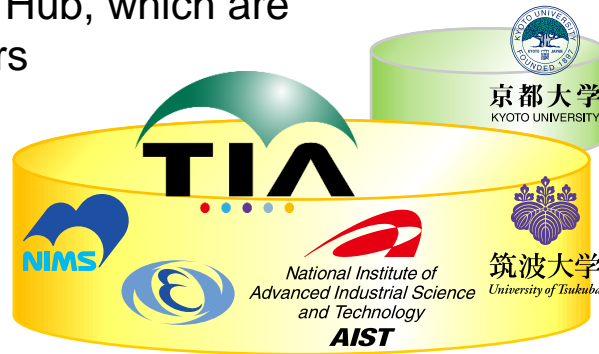
Targets of N.I.P. courses are young researchers (assistant professors or postdoctoral fellows) and doctoral students. The aim of N.I.P. courses is to foster specialists who have a high proficiency to contribute to innovation through accumulation of expertise and know-how on advanced equipment.

Holding the meeting to introduce N.I.P. courses

Program

15:00	Introduction
15:05	About Nanotech CUPAL AIST TIA Central Office Masahiro Hatsu, Ph.D.
15:15	Course introduction 1. NIMS National Institute for Material Science Principal Reseracher Hiroaki Mamiya, Ph.D. 2. KEK Synchrotron Radiation Science II Contract Professor Hiroshi Ban, Ph.D. 3. Univ. of Tsukuba Institute of Applied Physicis Associate professor Hideto Yanagihara, Ph.D. 4. Kyoto Univ. + AIST Masahiro Hatsu
15:55	Q & A
16:00	End

CUPAL has been implemented mainly in the framework of TIA and Kyoto University's Nanotechnology Hub, which are innovative centers for collaboration among industry and academic in the field of nanotechnology.



Nanotech Innovation Professional [N.I.P.] course

Outline of the course

Acquisition of basic skills for R&D and practical training

Goal of human resources development

To foster specialists who will engage in creative innovation in nanotechnology through acquisition and application of know-how about high-level expertise and advanced devices.

Course	
A I S T	MEMS, TCAD course, SCR Ultrafine Fabrication Process, Introductory course on polymer sample analysis technology by TEM, Introduction to analysis methods with advanced quantum beams (X-ray, positron) , Introduction to optical frequency measurement technology, Introduction to Profiling of Sugar Chain
N I M S	Introductory Course and Advanced Course on Advanced Measurement Technologies (TEM, Surface Analysis, Structure Analysis)
K E K	Introductory Course and Advanced Course of Synchrotron Radiation Application Technologies,
Univ. Tsukuba	Radiation Measurement Practice Course, High-performance Nano Fine Fabrication Practice Course, Accelerator/Ion Beam Analysis Practice Course, Summer School, SUMMER LECTURE
Kyoto Univ.	Introduction and Advanced to Electron-beam Lithography, MEMS, Micro/Nano Scale Material Engineering, Piezoelectric Materials Device Course, Photonics Course