A FIB Short Course from the AIM Lab, NanoCenter, University of Maryland

AN INTRODUCTION TO FOCUS ION BEAM (FIB) FOR THE NEW FIB OPERATOR

Focus Ion Beam (FIB) is an extremely useful and powerful tool in physical/materials science, engineering, biological and medical sciences research. The AIM Lab at NanoCenter will be offering a short course in FIB during this summer break (June 2018) using our new Tescan dual beam FIB system. The short course provides an introduction to the FIB for those with little or no prior experience. This course covers basic principles and knowledge of operating the FIB. In addition to lectures, there will be an emphasis on laboratory exercises that focus on instrument operation and practical applications.

Date: June 25, 26, 27 and 28, 2018
Lecture: 9:30 to 11:30 am.
Room: 1207 (Large Conference Room) in IREAP, ERF Build.
Laboratory: Two hours/group/day (4 days, January 25, 26, 29 and 30, 2018)
Lab: FIB facility, Room 1237E, Kim Building
Limit: Maximum enrollment is 9 (3 lab groups, 3 persons per group)
Fee: $450 per person, $400 per person from the same research group. Fees for non-UMD participants will be different. Please check with the AIM Lab office.
Prerequisite: Must have SEM experience or permission from instructor.

To enroll, please print and fill out the attached application form, and submit to the AIM Lab office by 12:00 pm, June 20, 2018 (Wednesday) at room 1234 Kim Building. Students accepted into the class will be informed by e-mail by Friday (06/22/18).

For more information regarding the FIB short course, please contact Wen-An Chiou at AIM Lab, or (301)-405-0541 or send an e-mail to wachiou@umd.edu.

Attachment: FIB Short Course Application Form
Application Form for UMD Summer (June 2018) FIB Short Course

Name: ________________________________________________________________

Last,                    First                          Middle Initial

Department: ____________________________________________________________

Telephone No.: _________________________________________________________

E-Mail Address: _________________________________________________________

Advisor: _______________________________________________________________

Payment: Check or FRS No. (6-digit): ________________________________________

Course to be attended: ___FIB Short Course__________________________________

Research Topic: __________________________________________________________

________________________________________________________________________

Is (are) there any other attendee(s) from your research group?

If yes, please provide his/her Name: __________________________________________

Will you also attend SEM and/or TEM short course? _____________________________

Signed: ____________________________(Student) Date: __________________

Signed: ____________________________(Advisor) Date: ________________________