UI MICROFABRICATION FACILITY'S

OPENHOUSE

FRIDAY, OCTOBER 28, 2016 • 1PM ROOM 104, IOWA ADVANCED TECHNOLOGY LABS (IATL) FREE EVENT • OPEN TO THE PUBLIC

Fabrication technologies to manufacture structures 10,000 times smaller than the width of human hair

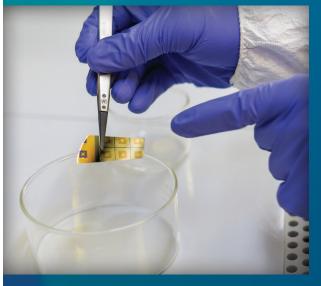
- Hands-on operation on one-of-a-kind nanotool in lowa—Raith Voyager Ebeam to sculpt nanostructures.
- See in action the manufacturing technologies involved in the next generation of nano-devices, from DNA sequencing chips, sensors for cancer cells detection, drug delivery devices to LED lights, solar cells, transistors and smart phones.
- Participate in hands-on demonstrations on several state-of-the-art nanotools in a dust-free facility.

INTRODUCTION 1–1:30PM

NANOTOOL DEMOS 1:40-5PM

Mask aligner • Nanoimprint • Reactive Ion Etcher Atomic layer deposition • Sputterer coater EBeam evaporator • EBeam nanolithography

For event registration, visit: https://ostc.uiowa.edu/UIMFopenhouse







Aju Jugessur, Ph.D. | Director, UIMF

aju-jugessur@uiowa.edu | 319-353-2342 | ostc.uiowa.edu/uimf

