

2016

14TH ANNUAL

Center for Nanoscale Science and Technology NANOTECHNOLOGY WORKSHOP



STUDENTS!
MONETARY PRIZES WILL BE
AWARDED TO POSTER WINNERS!

nano@illinois

nano solutions for mega problems

May 5-6, 2016

CNST NANOTECHNOLOGY WORKSHOP

3002 Electrical And Computer Engineering Building, 306 N. Wright St., Urbana, IL
UNIVERSITY OF ILLINOIS AT URBANA - CHAMPAIGN

Highlighting cross-campus and industry collaborations in:

- bionanotechnology and nanomedicine
- nanoelectronics and nanophotonics
- nanomaterials and nanomanufacturing

Featuring:

- Plenary Session
- Panel Discussion
- Technical Talks
- Keynote Addresses
- Poster Sessions
- Lab Tours and One-on-One Meetings
- UI Faculty and Student Presentations

Speakers include: Seth Darling (Argonne); Nick Fang (MIT); Patrick Fay (Notre Dame); and Ilesanmi Adesida, Irfan Ahmad, Andreas Cangellaris, Qian Chen, Brian Cunningham, Andrew Gewirth, Cecilia Leal, Xiuling Li, Logan Liu, Mohamed Mohamed, Klara Nahrstedt, Andre Schleife, Arend van der Zande, and Yurii Vlasov (University of Illinois)

Organizing Committee

Irfan Ahmad, CNST/Agricultural and Biological Engineering,
Co-Chair

Brian Cunningham, Bioengineering/
Electrical and Computer Engineering, Co-Chair

Rashid Bashir, Bioengineering/Electrical and Computer Engineering

Can Bayram, Electrical and Computer Engineering

J. Gary Eden, Electrical and Computer Engineering

Kris Kilian, Materials Science and Engineering

Carrie Kouadio, CNST/EBICS

Greg Pluta, Micro and Nanotechnology Lab

Andrew Smith, Bioengineering

Nahil Sobh, nanoBIO Node

Arend van der Zande, Mechanical Science and Engineering

Keynote Speakers



DR. SAMUEL ACHILEFU

Michel M. Ter-Pogossian
Endowed Chair in Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine



DR. MANIJEH RAZEGHI

Walter P. Murphy Professor and
Director, Center for Quantum Devices
Department of Electrical Engineering
and Computer Science
Northwestern University

DETAILS AND REGISTRATION: nano.illinois.edu/nanoworkshop2016

Sponsored by

- Center for Nanoscale Science and Technology (CNST)
- NSF Integrative Graduate Education and Research Traineeship (IGERT) in Cellular and Molecular Mechanics and BioNanotechnology (CMMB)
- NIH/NCI Midwest Cancer Nanotechnology Training Center (M-CNTC)
- Emergent Behaviors of Integrated Cellular Systems (EBICS)

CO-SPONSORS:

- Beckman Institute for Advanced Science and Technology
- Coordinated Science Laboratory (CSL)
- Carl R. Woese Institute for Genomic Biology (IGB)
- Electrical and Computer Engineering (ECE)
- Micro and Nanotechnology Laboratory (MNLT)
- nanoBIO Node
- nano@illinois Research Experiences for Teachers (RET)
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- Nanoscale Science and Technology Resources for Community Teaching (NanoSTRUCT)
- National Center for Supercomputing Applications (NCSA)



IGERT Cellular and Molecular Mechanics and BioNanotechnology

M-CNTC Midwest Cancer Nanotechnology Training Center

CNST University of Illinois Center for Nanoscale Science and Technology