

IEM SEMINAR SERIES

Thursday
September 10th, 2015

Graphene-enabled Nano/Bio Hybrids for Chemical Detection and Medical Diagnostics



Institute for
Engineering in Medicine

UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

DR. A.T. CHARLIE JOHNSON

Professor, Physics and Astronomy
Director, Nano/Bio Interface Center
University of Pennsylvania



FREE event, no registration required.

Refreshments will be provided.

For additional information on Dr.
Johnson's presentation please con-
tact: scot0353@umn.edu

10:00am - 11:00am
Keller Hall
4-178

The Institute for Engineering in Medicine (IEM) is pleased to announce the Seminar by Dr. A.T. Charlie Johnson, "Graphene-enabled Nano/Bio Hybrids for Chemical Detection and Medical Diagnostics." This seminar will highlight the sensor class that represents a promising approach towards sensitive and selective detection of liquid- and vapor-phase analytes.

A.T. Charlie Johnson received a BS from Stanford University, and MS and PhD from Harvard University, all in Physics. He was a European Union ESPRIT Postdoctoral Fellow at Delft University of Technology and a National Research Council Postdoctoral Research Fellow at the National Institute of Standards and Technology. His research group is focused on nanostructure physics and nanoelectronics, with interests in the science and applications of carbon nanotubes, graphene, and other two-dimensional materials. Dr. Johnson's honors include a NSF Graduate Research Fellowship, a Packard Science and Engineering Fellowship, a Sloan Fellowship, and selection as a Fellow of the American Physical Society. Johnson has authored over 160 peer-reviewed articles and holds 6 awarded patents, with 18 other patents submitted. He is a member of the Founding Editorial Board of AIP Advances and scientific founder of two companies, Graphene Frontiers and Adamant Technologies.

<http://www.lrsm.upenn.edu/~nanophys/>

For additional information on Dr. Johnson's presentation please contact:
scot0353@umn.edu

