



Workshop “Biophotonics and Biosensing”, Purdue University

The first of a series of workshop organized by Discovery Park Big Idea Challenge (BIC) Program “Photonics Technologies for Food Safety, Biosecurity and Healthcare Applications”

Time: Thursday 10am-3pm, Oct. 26, 217

Location: Birk Nanotechnology Center (BNC)-**Room 2001**, Purdue University (1025W State St. West Lafayette, IN 47907)

Registration/Cost: Free!

Schedule:

Time	Speaker	Title
10:00-10:05am		Welcome Remark
10:05-10:40	David Nolte Dept. of Physics and Astronomy, Purdue University	Biodynamic Imaging and Applications for Photonic Sensing
10:40-11:15	Mike Ladisch, School of Agricultural and Biomedical Engineering, Purdue University	Bioseparations - Hollow Fiber Microfiltration for Accelerating Pathogen Detection: BIC Collaboration
11:15-11:50	Zhiwen Liu, Dept. of Electrical Engineering, Penn State University	Smartphone based optical spectroscopy
11:50am-1:00pm		Lunch (Box Lunches provided for workshop speakers and attendees)
1:00-1:35	Garth Simpson, Dept. of Chemistry, Purdue University	Adding Dimensions to Nonlinear Optical Imaging of Protein Assemblies
1:35-2:10	Jozef Kokini, Department of Food Sciences, Purdue University	A mostly biodegradable nanophotonic SERS platform for the detection of Food toxins and Allergens
2:10-2:30		Round table discussions
2:30-3pm		Coffee & Reception