成功大學光電系-演講公告

Title:
Bisosensing based on computation aided microscopic ellipsometry

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中央研究院應用科學研究中心

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國立成功大學 光電科學與工程學系

綜合大樓 48418 室（4F）

About the speaker:

Experience：

Distinguished Research Fellow (2005 - present) and Director (2005 - 2012), Research Center for Applied Sciences, Academia Sinica
Professor, University of Illinois at Urbana-Champaign (1991-2005)
Associate Professor, University of Illinois at Urbana-Champaign (1986-1991)
Assistant Professor, University of Illinois at Urbana-Champaign (1980-1986)

Research Fields：

shallow impurities and excitons, electronic, optical, and transport properties of semiconductors and nanostructures, electronic and optical properties of semiconductor surfaces and interfaces, phonons and electron-phonon couplings in semiconductors and nanostructures, non-linear optical properties, many-body effects in semiconductors, exciton condensation, magnetic multilayers and giant magnetoresistance, femtosecond pump-and-probe phenomena, photonic crystals, metrology of semiconductor thin films and gratings, infrared and radiation detectors, semiconductor lasers and modulators, resonant tunneling diodes, quantum transport properties, single-photon generators, spintroincs, quantum computing, optical metrology, and nano plasmonics.

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