

Pacificchem 2015

January 1 – April 3 | Call for Abstracts

February 2 | Housing Opens

June 25 | Early Registration



Symposium: “Challenges in Plasmonic Photochemistry“ (# 176)

Area: Physical, Theoretical & Computational (5)

Organizer:

Hiroaki Misawa (Japan), Prashant V. Kamat (US), Hong-Bo Sun (China), Shangjr Gwo (Taiwan)

at Hawaii Convention Center

(1) 05.176-1P: Friday, December 18 (Afternoon) / (2) 05.176-2A: Saturday, December 19 (Morning)

(3) 05.176-3P: Saturday, December 19 (Afternoon) / (4) 05.176-4A: Sunday, December 20 (Morning)

*Chemical Networking:
Building Bridges Across the Pacific*

Keynote speaker:

George C. Schatz

Invited speakers:

Mostafa A. El-Sayed, Richard Van Duyne,

Naomi Halas, Jochen Feldmann,

Johan Hofkens, Christy Landes,

Stephan Link, Paul Mulvaney,

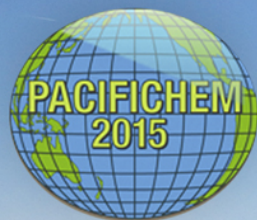
Peter Nordlander, Toshiharu Teranishi,

George Thomas, Din Ping Tsai,

Haiyu Wang, Yuh-Lin Wang,

Nianqiang Wu

This conference focuses on the chemical and physical consequences of light-field enhancement by nanostructures prepared by top-down and/or bottom-up methods using nanomaterials (e.g. metals, semiconductors, polymers). The electric field enhancement of incident light by surface plasmon-polaritons and localized plasmons on/in nano-structured metal films and nanoparticles will be the major thrust of this symposium. The design and development of light energy conversion devices based on photocatalytic, photo-voltaic, and photo-enhanced bio-sensing properties will also be included. Other topics of interest include, but are not limited to: optical microscopic imaging (in vitro/in vivo), ultra-sensitive sensors based on surface-enhanced Raman scattering (SERS), enhanced fluorescence emission, and also light manipulation by metamaterials.



THE INTERNATIONAL CHEMICAL CONGRESS OF PACIFIC BASIN SOCIETIES

Honolulu, Hawaii, USA • DECEMBER 15-20, 2015



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