

Dr. Duncan W. Brown

President, Pacific Tech Link, LLC, USA
Guest Research Associate, Kyoto University



※受講希望者は必ず履修登録をしてください。

【JGPセミナーⅦ】

Title: *“Organic Chemistry at Surfaces”*

Abstract: After a brief tour of the importance of surface chemistry in applications ranging from corrosion resistance to chemical sensors, we will examine in more detail i) the chemistry of the construction of hydrophilic and hydrophobic surfaces on glass and selected polymers, ii) the chemistry of controlling adhesion of polymeric films to surfaces through irradiation and iii) potential applications for MOF-based structures.

Time & Date: 2:45pm-4:15pm, Dec. 9, 16, Jan. 6, 13 (Wed)

※毎講義翌日の木曜1時～2時半、質疑応答等の時間を設けます。

【JGPセミナーⅧ】

Title: *“The Role of Chemistry in the Fabrication of Semiconductor Devices”*

Abstract: In these lectures the chemical processes related to the fabrication of semiconductor devices will be reviewed including deposition, implantation, etching, patterning, cleaning and polishing. The manufacture and purification of the chemicals used in selected processes will be investigated in detail.

Time & Date: 2:45pm-4:15pm, Jan. 20, 27, Feb. 3, 10 (Wed)

※毎講義翌日の木曜1時～2時半、質疑応答等の時間を設けます。