

February 13, 2013

A Sideways Look at Broadband Fluorescence Spectroscopy

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Abstract: Quantifying overlapped fluorescence spectra from multiple emitting species in capillary flow systems is a common scenario in biotechnology, especially in flow cytometry. An alternative approach employs broadband excitation from a supercontinuum laser paired with hyperspectral imaging in a method called supercontinuum rapid excitation emission matrix (ScREEM) detection. The special challenges and particular advantages of this method will be presented.

About our speaker: **Timothy Corcoran** (A.B. Occidental College, Ph.D. UCLA) is a physical chemist specializing in laser spectroscopy. His father was an optical engineer, and it seems to have rubbed off—his research usually involves developing new optical instrumentation to tackle problems at hand. He has taught at UCLA, Sultan Qaboos University in Oman and the Claremont Colleges, and since 2006 at Cal Poly Pomona where he is professor of chemistry. He also enjoys sailing, cooking and traveling off the beaten track.



Enter campus from Temple Avenue, turning right on University. Once on campus, turn right at sign for Kellogg West, and go up the hill. Parking is free in the Kellogg West lot.



Wednesday, February 13, 2013

Reception: 6:00; Dinner: 7:00; Talk: 8:00

Meal: Buffet Style

Cost: \$30 (OSSC Student Members are Free!)

[Kellogg West Conference Center](#)
[Cal Poly Pomona Campus](#)

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On-line Registration: www.osscc.org or
Contact: [Joseph Diep](#), OSSC Arrangements
Chair, Events@osscc.org, 951-926-2994
Please Register by February 12, 2013