

# UNH Materials Science Seminar

14:10-15:00, Tuesday, February 3, 2009

Pettee Hall 106

University of New Hampshire

## Multifunctional Coatings

**Dr. Bryan Koene**

Luna Innovations

Luna Innovations Incorporated is developing multifunctional coatings that have demonstrated additional functionality to paints and coatings above their traditional uses. This includes superhydrophobicity / oleophilicity, self healing / repairing characteristics, visual impact or thermal indication, and electromagnetic interference shielding properties.

**Dr. Koene** is currently a Senior Research Scientist at Luna Innovations, Blacksburg, VA since 2003. His main research interests are in the areas of environmentally responsive materials and coatings. He has secured over \$8M in research funds to support smart coating development after joining Luna. From 1998 to 2003, he was a Director/ Research Scientist with Triton Systems (Chelmsford, MA), focusing on the development of novel nanocomposites for chem/bio protection, aerospace, and gas barrier and thermal stability for structural application. Dr. Koene received a BS (1991) and PhD (1996), both in Chemistry, from University of Waterloo, and carried his postdoctoral research at UCLA from 1996-1998. .

Host: Professor Marshall Ming x1446