

## **When organics interact with particles: The case of nanopesticides**

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Friday June 5, 2015

Tea: 10:30 a.m.; Lecture: 11:00 a.m.

Jones Auditorium

The Connecticut Agricultural Experiment Station  
123 Huntington Street, New Haven CT

Dr. Kah graduated with a MSc in Agronomy and Soil Sciences (University of Nancy, France), before completing her PhD on the fate of ionizable pesticides in soils (University of York, UK). She was then recruited by the UK Food and Environmental Research Agency (FERA), where she delivered research and consultancy on projects commissioned by government and industry, and dealing with a wide range of contaminants. In 2009, Dr. Kah took a position at the University of Vienna (Austria), in the Department of Environmental Geosciences. Since then, Dr. Kah has integrated her and the department's expertise to develop projects looking at the interactions between organic contaminants and natural/engineered nanoparticles, with the objectives (i) to elucidate the underlying mechanisms, (ii) to assess the impact on fate and (iii) ultimately support the development of more robust regulatory and innovative mitigation/remediation strategies. The topic of nanopesticides is a good illustration of the multidisciplinary approach applied in her group over the last years. Dr. Kah will share her experience on this topic that has recently received great attention from industry, research and regulatory bodies.