

---

## **Seminar**

# **DNA-coated colloids: valence and crystallization**

**David Pine**

**New York University, NY**

DNA-coatings on colloidal particles are opening unprecedented opportunities for programming the self-assembly of colloidal particles. New structures can be assembled using a wide variety of materials that can be combined and arranged into various sublattices. In addition, we are developing colloids with directional interactions, a kind of colloidal valence, which facilitate the assembly of new more open structures than have previously been possible.

***Friday, Jul 10th 2015***

***2:00 PM (Tea/Coffee at 1:45 PM)***

***Seminar Hall, TCIS***