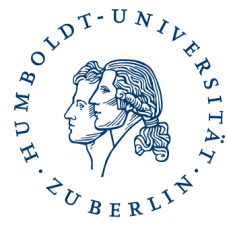


# *Berlin-Brandenburgisches Colloquium*



## **Einladung zum Berlin – Brandenburgischen Colloquium zur Fachdidaktik Physik**

**Montag, 24.10.2016, 14 Uhr c.t.**

Humboldt Universität Berlin  
Institut für Physik  
Newtonstraße 15  
Raum 1'101  
12489 Berlin (Adlershof)

**Prof. Dr. David Hammer  
(Tufts University, Medford MA, USA)**

**“Epistemological framing and the complexity of  
learning and teaching science”**

### **Abstract**

I will use video examples of learners' thinking in science (mostly physics) to discuss "epistemological framing" — forming a sense of what's going on with respect to knowledge — and how it students' and teachers' framings of what they are doing adds (further!) complexity to classroom dynamics. I will discuss implications of this work for instruction, teacher preparation, and research, including, as time permits, some of our current projects at Tufts.