

Scientific Computing

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Talk: Applications of quantum dots in biomedicine - December 14, 2007

Shubeur Rahman will hold a talk 14:15 at Hjørnehiet, Friday December 14, with the following title:
Applications of quantum dots in biomedicine.

Total number of participants: 13
Number of Participants not related to CBC: 0
Number of different nationalities represented: 3
Total number of speakers: 1
Total number of talks: 1

Abstract

Semiconductor nanocrystals, also referred to as quantum dots, are nanometer sized aggregates of atoms. They possess unique physical properties which have in recent years been experimentally shown to be advantageous for biomedical applications such as imaging structures within the body and the detection and destruction of cancer cells. Research into the use of these quantum dots in biomedicine has grown rapidly in recent years and the approach promises to provide new insights into cell function and promote novel methods for disease treatment. In this talk, I will give a brief and non-technical description of quantum dots and their applications in biomedicine, and an overview of recent computational modelling work on such systems.

What	
When	Dec 14, 2007 from 02:15 PM to 03:00 PM
Where	Hjørnehiet
Contact Name	Hans Petter Langtangen
Add event to calendar	 vCal  iCal