The 74th MANA Special Seminar



Global geometry optimization of clusters, nano-structures and biomolecules Chair: Dr. Yoshitaka Tateyama (MANA Independent Scientist)

Prof. Stefan Goedecker

Department of Physics and Astronomy, University of Basel, Switzerland

Global geometry optimization can give new insight into the structural properties of condensed matter systems since it reveals many unexpected configurations. I will present the large structural diversity of gold clusters with up to 300 atoms, defect structures in boron fullerenes, as well as the structure of endohedral silicon clusters, biomolecules and AFM tips.

Venue: Seminar Room #431, MANA Bldg., NAMIKI SiteDate: April 17th FridayTime: 15:30-16:15

Contact: International Center for Materials Nanoarchitectonics (MANA), Nakata (ex. 8806)