R. Ahuja: Department of Physics and Materials Sciences, Box 530, Uppsala University, SE-751 21, Uppsala, Sweden

Computational Materials Science for Hydrogen Storage Studies

Hydrogen, as the most abundant and lightest element in the universe, is the object of both fundamental physics research (regarding superconductivity) and more practically oriented applied research (in the context of hydrogen storage). This presentation reviews some of our work on applying novel computational methods on designing new potential materials for hydrogen storage.

rajeev@fysik.uu.se