

Contribution ID : **222** Type : **Poster**

Vacancy-Mediated Hydrogen Migration in MgH_2: A First-Principles Study of Quantum Tunneling and Isotope Effects

Magnesium hydride (MgH_2) is one of the most efficient materials for solid-state hydrogen storage (7.6 wt

Primary author(s) : Ms OCHOA HUANCAPAZA, Nataly Mercedes (UNMSM)

Co-author(s) : Mr ORDINOLA SANCHEZ, Fernando Guido (UNMSM); Dr ROJAS AYALA, Chachi (UNMSM)

Presenter(s) : Ms OCHOA HUANCAPAZA, Nataly Mercedes (UNMSM)

Session Classification : Poster Fisica del Estado Solido