



NordForsk

F u n H y

NEUTRONS FOR MULTI-FUNCTIONAL HYDRIDES

FunHy Newsletter

Who and where

All three FunHy PhD students, Jakob Bæk Grinderslev, Gustav Ek, and Magnus Moe Nygård participated in the 16th international symposium on metal-hydrogen systems (MH2018) in the period October 28th to November 2nd 2018. The event was held in Guangzhou, China and was organized by South China University of Technology.

Why

The international symposiums on metal-hydrogen systems are the largest conferences within the research field of hydrogen storage and only take place every second year. The international experience that are gained from this conference is useful both as training in communication of research to the international community of peers and will put the research into a larger perspective. All three FunHy PhD students had an oral presentation. Jakob Bæk Grinderslev presented a talk with the title *synthesis, crystal structure, thermal and magnetic properties of rare earth metal borohydrides*, while Gustav Ek presented a talk with the title *hydrogen sorption in TiNbZrHfX (X = Ta, V) high entropy alloys* and Magnus Moe Nygård presented a talk with the title *a roadmap towards reversible room-temperature hydrogen storage in high entropy alloys*. This was an unique opportunity for the FunHy PhDs to be introduced to the newest research within the hydrogen storage community and to present our research.



FunHy webpage: <http://inano.au.dk/about/research-groups/nano-energy-materials/projects/neutrons-for-multi-functional-hydrides-funhy/>