



4<sup>th</sup> International Symposium on  
**E**nergy **C**hallenges & **M**echanics  
- working on small scales

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### Speaker of Session 03

#### HYDROGEN GENERATION AND STORAGE



Dr. Romain Moury is a post-doctoral researcher at the Department of Heterogeneous Catalysis at Max Planck Institute für Kohlenforschung, Germany. He obtained his Ph.D. degree in Chemistry and Physico-Chemistry of Materials from University Montpellier 2, France, in 2013. His main research area is focused on the synthesis and characterization of novel light hydride for hydrogen storage. He is also working on heat storage in metal hydrides. His main interest is the development of in-situ PXRD methods to unravel decomposition mechanisms and phase transition. He is using powder X-ray diffraction to solve and refine novel crystal structure, up to now he has two submitted entries in the International Center for Diffraction Data.

