

## Poster Session

*Molecular oxygen activation catalyzed by gold: unraveling the role of base*

Gu Qingyi (Chris)

*Ab-initio Assessment of Bi<sub>1-x</sub>RE<sub>x</sub>CuOS (RE=La, Gd, Y, Lu) Solid Solution as Semiconductor for Photochemical Water Splitting*

Antton Curutchet

*Selective secondary alcohol dehydrogenation with Co catalysts – experimental and theoretical insight*

Kamila Kaźmierczak

*Fluorogenic probes for high-resolution imaging of enzymatic activity*

Mathieu Bordy

*Monolithic aerogel-based nanocomposites for ionizing radiation detection in liquids*

Odziomek Mateusz

*Dynamics of fluids in disordered environments*

Thomas Konincks

*Modelling Damaged DNA Structures: a computational microscope.*

Emmanuelle Bignon

*A combined theory and experiment insight on the photo-physics and photo-chemistry of rhodopsin mimics*

Baptiste Demoulin

*Alumina in hot liquid water: stable or not? That is the question!*

Romain Réocreux