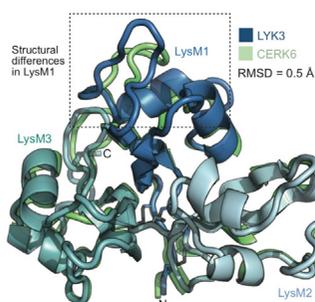


## Highlights from the MAX IV 32nd User Meeting 2020 & 2030



Good news for those who were unable to join us virtually for User Meeting 2020. Webinar recordings for the 2-day event are now available through the MAX IV User Office. Watch the inspiring research presentations, beamline updates and more on the MAX IV website. [Read the full story](#)

## The Perceptive Power of Plants in Microbial Selection



How do plants distinguish between harmful and beneficial microbes? A Danish study in collaboration with the global ENSA project has found motifs present on lysine receptors (LysM) drive symbiotic and immunity response in legumes.

[Read the full story](#)

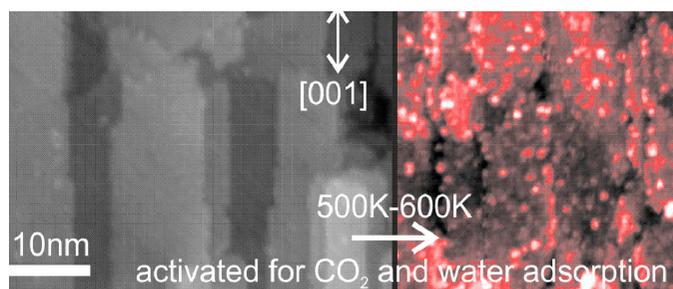
## It's All About Stability: Research in the Accelerator Division at MAX IV



The Accelerator Development group at MAX IV holds the major responsibility to improve the quality and stability of the electron beam. Years of extensive research is providing new insights on the impact of an effect called 'transient beam loading' on beam stability. [Read the full story](#)

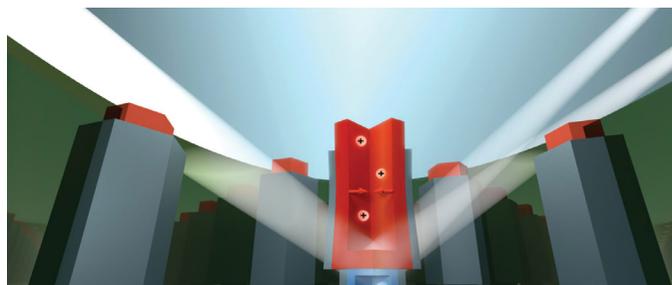


## Thermal Stability of Single-Crystalline IrO<sub>2</sub> (110) Layers



Catalysts enable technology and, in many aspects, drive our modern economy. To manufacture better and more efficient catalysts, it is crucial to understand the underlying catalytic processes on the microscopic level. Spectroscopic and adsorption studies at FlexPES beamline offer surprising insights for scientists. [Read the full story](#)

## MAX IV X-ray Beams Help See Inside Future Nanoscale Electronics



Lund researchers analyzed semiconductor nanowires in wrapped, gate-all-around transistor geometry, proving that 4th-gen synchrotron X-rays are the key to developing non-destructive characterization of nanostructures. [Read the full story](#)

## Register now! November Events

[Workshop:](#) Time Resolved Structural Biology – Seeing the structure of motions

[Seminar:](#) MetalBeams Online

