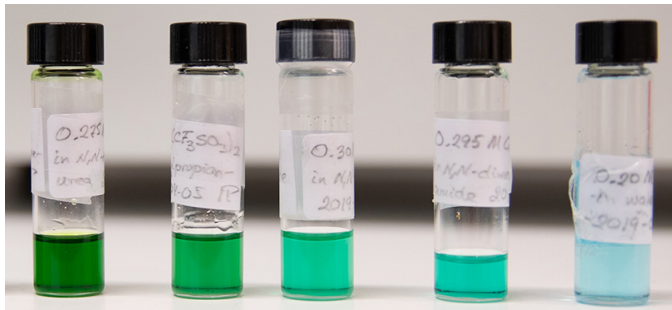
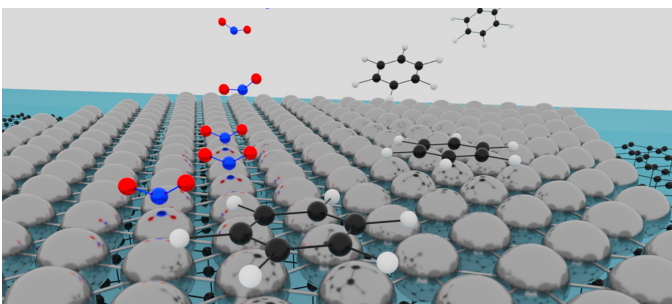


Colourful Science Reveals Properties of Copper Ions



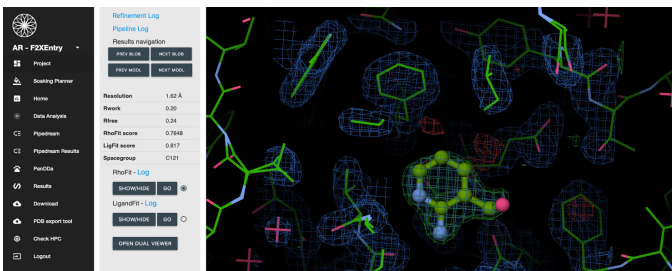
Research performed at Balder beamline at MAX IV gives new insights into the arrangement of solvent molecules around metal ions. The knowledge gained furthers the understanding of metal-containing biomolecules in our bodies, and materials used for catalysis. [Read the full story](#)

One Atom Thin Platinum Makes for Great Chemical Sensors



Scientists at Chalmers University and collaborators, using MAX-PEEM beamline, found one-atom thin platinum beneficial for use as chemical sensors. The new material approach is promising for future air-quality monitoring applications. [Read the full story](#)

First Test of FragMAX Platform Delivers for HZB Compound Libraries

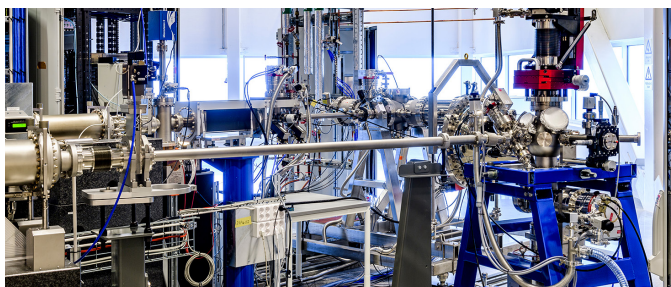


Researchers at Helmholtz-Zentrum Berlin (HZB), in collaboration with MAX IV's BioMAX team, have validated a new diverse universal compound library used in the process of drug discovery and development. The study is a first user application for FragMAX's novel analysis software. [Read the full story](#)

[Read the full story](#)

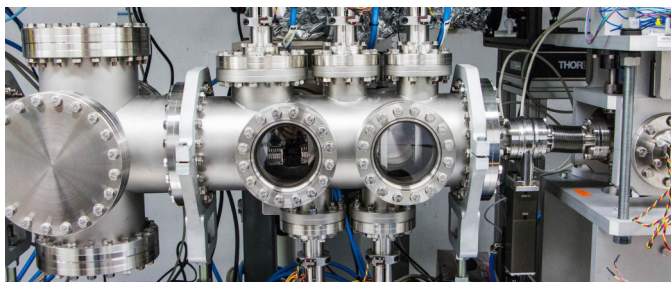


Initial Studies from Photoluminescence End Station at FinEstBeAMS



Scintillators, widely used in fields from high-energy physics to PET scans in medical imaging, are the focus of 3 new papers at MAX IV. Researchers addressed the slow decay phenomenon which typically hinders scintillator performance. Others investigated how scintillators may work in the red or near-infrared spectral range, an intriguing aspect for development of new materials. [Read the full story](#)

Atomic Vibrations Play Key Role in Material Phase Change



Researchers working with FemtoMAX beamline have succeeded to slow the phase change from the solid to liquid state in the semiconductor InSb, by reducing the inherent vibrations between atoms. [Read the full story](#)

Welcome to the 32nd User Meeting!

MAX IV will host the 32nd User Meeting on September 28-29, 2020 as a virtual event. Please visit the [MAX IV website](#) for programme details and information.

