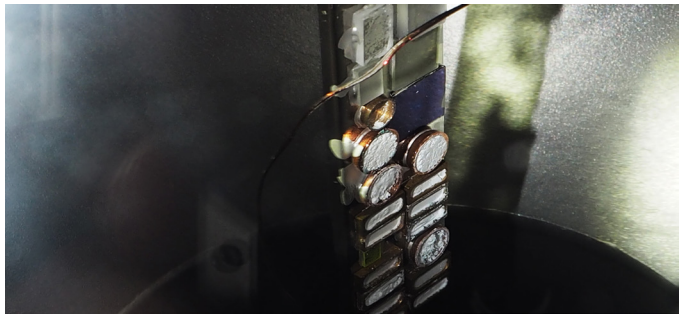
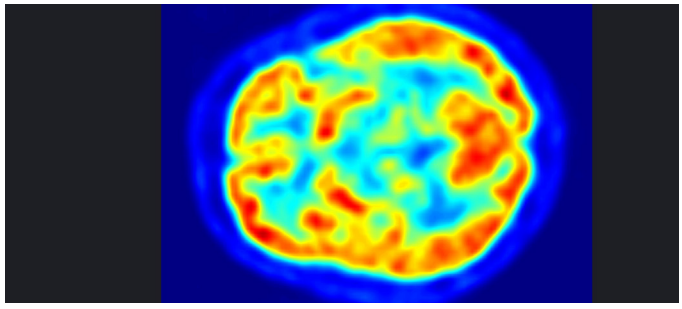
MAX IV Helps Open the Way to New Studies on Cross-Luminescence



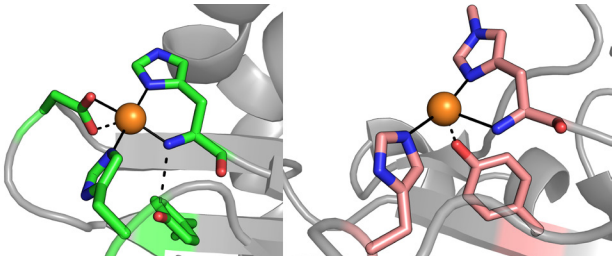
Thanks to new technological advancements, materials with cross-luminescence are getting new attention after a long period of reduced research activity. Users at FinEstBeAMS from University of Tartu work to gain new knowledge on cross-luminescent compounds. Read the full story

With FemtoMAX Journey to Real-Time PET Molecular Imaging gets Faster



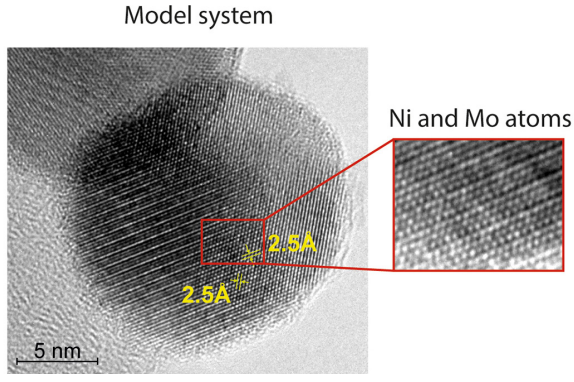
Researchers from different institutions came to MAX IV to study timing performance of scintillators, materials employed in applications such as cancer diagnosis. At FemtoMAX, they achieved an instrumental time resolution. Read the full story

Discovering a Whole New Family of Copper-Binding Proteins



While studying a class of copper-containing enzymes, a team of researchers discovered and characterised a new family of fungal proteins. Their study has now been published in Nature Chemical Biology, including analysis performed at BioMAX beamline. Read the full story

Designing a Model Catalyst for Large-Scale Biofuel Production



The future of efficient biofuel production is within reach. With measurements from MAX IV's SPECIES beamline, a group from Lund University and RISE, Research Institutes of Sweden, has successfully developed a model catalyst that, once tuned, holds potential to significantly improve the treatment process for the large-scale manufacture of viable biofuels from lignin. Lignin is a plant polymer only secondary in abundance to cellulose in nature. Read the full story

7th Diffraction Limited Storage Ring (DLSR) Workshop

The 7th Diffraction Limited Storage Ring (DLSR) Workshop will be hosted by the MAX IV Laboratory in Lund, Sweden on June 1-3, 2020. Both the technical challenges and the new research opportunities enabled by the new multibend achromat storage rings will be addressed.

Workshop registration opens 1 March, 2020. Welcome!
Read the full story