

ExPaNDS Project to Link Petabytes of Data Across Europe



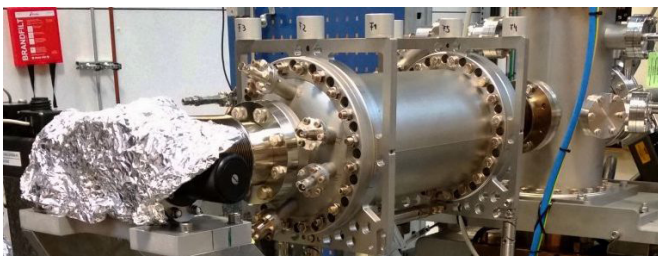
MAX IV joins with other European national research facilities to take part in the EU-funded ExPaNDS project. The project aims to assemble and link data catalogues containing the petabytes of raw data generated yearly in Europe with relevant scientific publications. [Read the full story](#)

Tackling SARS CoV-2 Viral Genome Replication Machinery Using X-rays



An international collaboration has initiated studies of three non-structural proteins from the novel coronavirus, SARS CoV-2. Recently they managed to solve and begin analysis of one protein, Nsp10 using BioMAX beamline. [Read the full story](#)

An Innovative Mirror Unit for Soft X-ray Beamlines at MAX IV

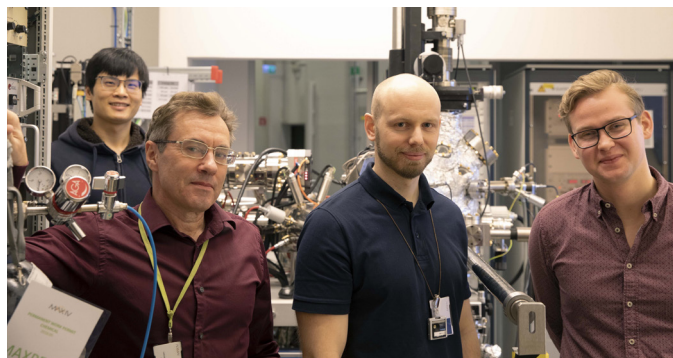


A new five-axis parallel kinematic mirror unit has been developed for MAX IV's soft X-ray beamlines. This new mirror unit was created to address the unique stability requirements of 4th-generation synchrotrons such as MAX IV.

[Read the full story](#)



Alfa Laval Gains Unprecedented Insights on Stainless Steel at MAX IV



A group from Swedish company Alfa Laval used MAX IV beamline MAXPEEM in experiments focused on the nanometer-thin oxide layer protecting stainless steel from corrosion. The team successfully managed to characterize and image this thin layer of oxide at high temperatures for the first time.

The valuable insights the researchers gained on how the oxide reacts will be beneficial for Alfa Laval's future product development.

[Read the full story](#)

Save the Date! User Meeting 2020

Join us on September 28-30, 2020 for the MAX IV 32nd User Meeting. In these times of global pandemic, the meeting goes fully virtual this year.

Further details, including the full UM20 programme and registration information, will be available on the MAX IV website in the coming months.

