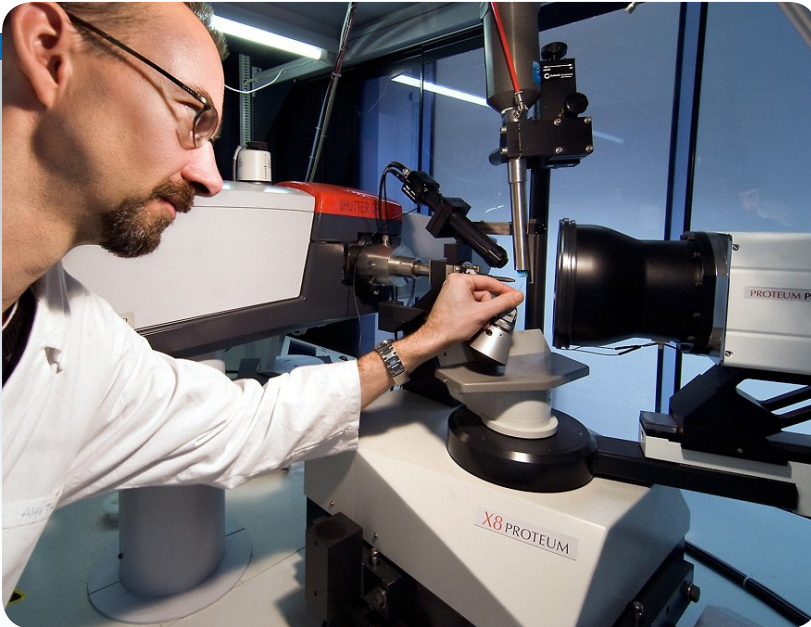




Bruker AXS



Dr. Bjoern Sjoebloom, Staff Scientist, Dept. for Structural and Computational Biology, Max F. Perutz Laboratories, University of Vienna



Prof. Dr. Kristina Djinovic-Carugo, Head of Dept. for Structural and Computational Biology, Max F. Perutz Laboratories, University of Vienna

„I am delighted to let you know that we just solved another structure with in-house data using S-SAD: 11S/250 residues, splendid maps! We are also refining a structure solved using the iron anomalous signal with diffraction data collected on our X8 PROTEUM.

After working at Sincrotrone Trieste for five years, I was extremely impressed with the quality of data collected on the X8 PROTEUM. The majority of our datasets are now collected in-house and structure solution using S-SAD is the method of choice.

The X8 PROTEUM is also proving a valuable tool for solving structures by exploiting the weak anomalous signals from other atoms naturally present in biological samples, such as iron, manganese, calcium and phosphorus.

The speed of collection and quality of the data means that our need for synchrotron beamtime has been reduced even more than anticipated.”

Prof. Kristina Djinovic-Carugo

X8 PROTEUM

- **MICROSTAR high brilliance microfocus X-ray source with HELIOS optics coupled with PLATINUM¹³⁵ CCD detector delivers beamline performance in your lab**

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Crystallography

think forward

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● **Bruker AXS Inc.**
Madison, WI, USA
Phone +1 (800) 234-XRAY
Phone +1 (608) 276-3000
Fax +1 (608) 276-3006
info@bruker-axs.com
www.bruker-axs.com

Bruker AXS GmbH
Karlsruhe, Germany
Phone +49 (7 21) 5 95-28 88
Fax +49 (7 21) 5 95-45 87
info@bruker-axs.de
www.bruker-axs.de