

Virtual Hard X-Ray Collaboration Seminar Series

Date: Thursday 15th April 2021

Title: Initial commissioning results of the soft x-ray beamline Athos in SwissFEL

Speaker: Eduard Prat, PSI

Abstract:

Athos is the soft X-ray free-electron laser (FEL) beamline of SwissFEL planned to begin user operation by the end of 2021. Athos is based on short APPLE-X undulators with alternating magnetic chicanes, allowing novel operation modes for better control of FEL properties such as the bandwidth and the peak power. This talk will give an update on Athos, including hardware status, recent commissioning activities and future plans.