

## 2021 Seminar Schedule for the Virtual Hard X-ray Collaboration Series

Time Zones - PDT/PST=USA, CET/CEST=Europe, CST=Asia

Date	Institute	Speaker Name	Chair Name	Topic	Suggested Start Time (speaker's country)	Start Time CET/CEST	Start Time CST	Start Time PDT/PST
21 January 2021	SLAC	Heinz-Dieter Nuhn	Axel Brachmann	First results of LCLS-II VGU commissioning & Undulator Tuning for Movable Gap Undulators	PDT 07:00am	16:00pm	23:00pm	7:00am
18 February 2021	Shine	Lixin Yin	Liu Zhi	Status of SHINE Cryomodule Development and Infrastructure Construction	CST 14:00pm	7:00am	14:00pm	22:00pm*
18 March 2021	PAL	Myung Hoon Cho	Chang Bum Kim	FEL optimization using phase shifters	CST 14:00pm	7:00am	14:00pm	23:00pm*
15 April 2021	SwissFEL	Eduard Prat	Florian Löhler	Initial commissioning results of the soft x-ray beamline Athos in SwissFEL	CEST 16:00pm	16:00pm	22:00pm	7:00am
20 May 2021	XFEL	Shan Liu	Thomas Tschentscher	Update on Hard X-ray Self-seeding commissioning results at the European XFEL	CEST 16:00pm	16:00pm	22:00pm	7:00am
10 June 2021	SACLA	Takashi Tanaka	Hitoshi Tanaka	Status of undulator development in SACLA: issues, countermeasures, and future upgrade	CST 14:00pm	08:00am	14:00pm	23:00pm*
8 July 2021	PAL	Jaehyun Park	Intae Eom	Sample delivery methods for SFX users at PAL-XFEL	CST 14:00pm	08:00am	14:00pm	23:00pm*
5 August 2021	Shine	Wang Dong	Liu Zhi	Update on SHINE machine	CST 14:00pm	08:00am	14:00pm	23:00pm*
2 September 2021	SLAC	James MacArthur	Diling Zhu	Towards a Cavity-Based X-Ray FEL at LCLS	PDT 07:00am	16:00pm	22:00pm	7:00am
30 September 2021	SwissFEL	Romain Ganter	Luc Patthey	HERO: Echo Enabled Harmonic Generation (EEHG) at SwissFEL	CEST 16:00pm	16:00pm	22:00pm	7:00am
28 October 2021	XFEL	Daniel Rivas	Winni Decking	Sidebands, the FEL chirp and new ultrafast applications at European XFEL	CEST 16:00pm	16:00pm	22:00pm	7:00am
25 November 2021	SACLA	Ichiro Inoue	Makina Yabashi	Intensity correlation techniques for photon and electron diagnostics	CST 14:00pm	7:00am	14:00pm	22:00pm*

\*of the previous day