



# 7th Round Table on Deep Learning @DESY

## Friday 22 November 2024

### Flash Talks 2 - Flash Seminar Room (11:20 - 12:30)

time	[id] title	presenter
11:20	[29] Collaboration on phase contrast imaging and tomography at PETRA III	HAGEMANN, Johannes
11:26	[8] A Good Phase: Solving the Near-field Phase Retrieval Inverse Problem Quantitatively Using ForwardNET	HAILU, Dawit
11:32	[28] Quality Estimation of retrieved phases	EREN, Engin
11:38	[30] Near-field holography image Denoising using Dilated Convolutional Neural Networks	Dr RAHMANI, Vahid
11:44	[21] Deep-Learning based Image Denoising of MPES data	SOHAIL, M Zain KUTNYAKHOV, Dmytro
11:50	[11] Deep learning for the generation of artificially stained 3D virtual histology of bone implants	IRVINE, Sally
11:56	[19] VolRAFTv2: Volumetric Optical Flow Network for Digital Volume Correlation	WONG, Tak Ming
12:02	[14] Deep Neural Networks for XFEL pulse monitoring through emission spectra	BELLISARIO, Alfredo
12:08	[3] Coulomb explosion as a high-dimensional probe of single molecules	RICHARD, Benoît
12:14	[9] The Virtual Spectrometer at EuXFEL	FERREIRA DE LIMA, Danilo Enoque
12:20	[13] Advanced controls and Machine Learning at FLASHForward	BOULTON, Lewis Anthony