

## IFERC-CSC WS on GPU Programming Agenda

Time (CEST)	Time (JST)	Title	Presenter
8:30	15:30	Opening	Richard Kamendje (EUROfusion)
8:45	15:45	Session 1	Chair: Jacques David (CEA)
8:45	15:45	Benchmarks and validation of the LEONARDO HPC system	Serhiy Mochalsky (ACH-MPG)
9:15	16:15	GPU acceleration of 5D global gyrokinetic code GKNET by OpenACC directives	Kenji Imadera (Kyoto University)
9:45	16:45	Integrated plasma simulation with data assimilation for LHD plasma	Yuya Morishita (Kyoto University)
10:15	17:15	Break – Group photo	
10:30	17:30	Session 2	Chair: Noriohshi Nakajima (IFERC)
10:30	17:30	Experiences and challenges in porting ORB5 to GPUs using OpenACC and simulations overview on plasma triangularity	Emmanuel Lanti (EPFL) and Giovanni Di Giannatale (EPFL)
11:00	18:00	Overview of simulations conducted by TSVV-10 on Marconi100	Alexey Mishchenko (IPP)
11:30	18:30	Closing	Masatoshi Yagi (QST)
11:45	18:45	End of workshop	

22 June 2023