



Sixth IFERC workshop on the usage of GPU based system for fusion applications
June 24, 2025 - 9:00-12:15 (CEST) 16:00-19:15 (JST)

On-line workshop

Tentative agenda

Time (CEST)	Time (JST)	Title	Presenter
9:00	16:00	Opening	Richard Kamendje (IFERC D-PL)
9:15	16:15	Session 1	Chair: Richard Kamendje (IFERC D-PL)
9:15	16:15	Benchmarks and validation of the Pitagora HPC system	Serhiy Mochalskyy (ACH-MPG)
9:45	16:45	Radiation transport Monte Carlo massively parallel computations for fusion neutronics applications	Arkady Serikov (INR)
10:15	17:15	Approximating many-electron wave functions using artificial neural networks	Matthew Foulkes (Imperial College, London)
10:45	17:45	Break – Group photo	
11:00	18:00	Session 2	Chair: tbd
11:00	18:00	GPU implementation of the MEGA code	Masatoshi Yagi (QST)
11:30	18:30	GPU implementation of the R6F2 code	Masatoshi Yagi (QST)
12:00	19:00	Closing	tbd
12:15	19:15	End of workshop	