

# IFERC WK on GPU Programming Agenda

Wednesday 16 <sup>th</sup> December 2020		
EU - Japan		<a href="https://indico.euro-fusion.org/event/482/">https://indico.euro-fusion.org/event/482/</a>
08h00 16h00	08h10 16h10	Welcome and opening <i>Richard Kamendje, Responsible Officer of the EUROfusion ITER Physics, Garching, Germany</i>
08h10 16h10	08h40 16h40	Comparison between JFRS-1 and NIFS supercomputer <i>Yasushi Todo, NIFS, Japan</i>
08h40 16h40	09h10 17h10	Benchmarks and validation of the Marconi100 HPC system <i>Serhiy Mochalsky, HLST, Max-Planck-Institut fur Plasmaphysik, Garching, Germany</i>
09h10 17h10	09h40 17h40	Accumulating knowledge for a performance portable kinetic plasma simulation code with Kokkos and directives <i>Yuichi Asahi, Center for Computational Science and e-Systems (CCSE), Japan Atomic Energy Agency (JAEA), Japan</i>
09h40 17h40	10h10 18h10	The gyrokinetic particle-in-cell code ORB5 on GPU platforms such as Marconi100: lessons learned and future plans <i>Thomas Hayward-Schneider, Max-Planck-Institut fur Plasmaphysik, Garching, Germany</i>
10h10 18h10	10h15 18h15	Virtual group photo <i>Please turn on your camera for the group photo</i>
10h15 18h15	10h45 18h45	Open discussion and questions <i>Open question time! HPC experts will answer</i>
10h45 18h45	11h00 19h00	Conclusion and close <i>Masatoshi Yagi, QST, Japan</i>