

An initiative of



EUROfusion

IFERC Workshop on GPU Programming 2020 Agenda

Wednesday 16th DECEMBER 2020

Online event

IFERC Workshop on GPU Programming 2020 - Wed, 16
DECEMBER 2020

IFERC WK on GPU Programming Agenda

Wednesday 16th December 2020

EU - Japan

<https://indico.euro-fusion.org/event/482/>

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

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IFERC Workshop on GPU Programming 2020 Logistics

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Important information

Please be aware that photos will be taken during the course of the workshop
Please be aware that the workshop will be recorded

By participating to the IFERC Workshop on GPU Programming, you consent to:

- being recorded by video and that the video will be publicly shared on *EUROfusion* website
- being photographed (workshop's organizers will make sure no names appear on the virtual group photo) and that the publication of such photos will be used for
 - *EUROfusion* website and IFERC website
 - IFERC and *EUROfusion* communication material

IFERC WK on GPU Programming Logistics

We use ZOOM connection codes (working with Linux, Mac and Windows systems)

Meeting ID: 815 0126 2473		Password: 769294	
Join with your browser	Join by phone	Join by SIP	Join by H.323
https://us02web.zoom.us/j/81501262473?pwd=d2Y1ekk2aC8yYzJmbHlUkUJ2QUoxdz09	+493056795800,,81501262473#,,1#,769294# Germany +496950502596,,81501262473#,,1#,769294# Germany Dial by your location +49 30 5679 5800 Germany +49 695 050 2596 Germany +49 69 7104 9922 Germany +1 346 248 7799 US (Houston) +1 646 558 8656 US (New York) +1 669 900 9128 US (San Jose) +1 253 215 8782 US (Tacoma) +1 301 715 8592 US (Germantown) +1 312 626 6799 US (Chicago) Find your local number: https://us02web.zoom.us/u/ks6JBbp7z	81501262473@zoomcrc.com	162.255.37.11 (US West) 162.255.36.11 (US East) 115.114.131.7 (India Mumbai) 115.114.115.7 (India Hyderabad) 213.19.144.110 (EMEA) 103.122.166.55 (Australia) 209.9.211.110 (Hong Kong SAR) 64.211.144.160 (Brazil) 69.174.57.160 (Canada) 207.226.132.110 (Japan)

Please keep your micro muted during the presentation.

Please ask your questions in the chat box: We will go through your questions at the end of the talk.

Please turn off your camera during the talk: We will notify you to turn on your camera for the virtual group photo.

IFERC WK on GPU Programming Logistics

Any questions regarding this workshop organization? Please send an email to france.boillod-cerneux@cea.fr

Slides presented during this workshop are available on EUROfusion website, here:

<https://indico.euro-fusion.org/event/482/>

Video of the workshop on GPU Programming will be released on EUROfusion website, here:

<https://indico.euro-fusion.org/event/482/>

More info on GPUs programming?

EUROfusion Webinars are available on **You Tube** EUROfusion channel here:

https://www.youtube.com/channel/UCQNxXoQUPMOo_ETr09N3OtA

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See you soon!

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