RoCMI 2023 Svalbard



Contribution ID: **70** Type: **Poster**

Studies on porting the Bifrost legacy code to GPUs

With the imminent exascale era, many legacy codes face a variety of challenges to become portable to GPU machines, like LUMI. We would like to give an overview on the status of Bifrost physics capabilities supported on GPUs and possible applications. We will share our experiences so far in exploring portability with directives approaches while using different compilers and architectures.

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Session Classification: Posters

Track Classification: Current and Future Capabilities