

# Compute Accelerator Forum Introduction

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**SIDIS**  
Software Institute for  
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# Compute Accelerator Forum

- Happy New Year!
  - We all officially survived 2020, we hope that you are all well rested and that you and yours are well
- Today we start the CAF again for 2021 after 3 very interesting meetings last year
- We have picked a regular slot now, which is the second Wednesday of every month at 16h30 CERN time
  - Please check Indico for the next slots: <https://indico.cern.ch/category/12741/>
  - Subscribe for announcements to [compute-accelerator-forum-announce@cern.ch](mailto:compute-accelerator-forum-announce@cern.ch)
- We have a few of the next meetings in advanced planning stages...
  - ...but we are very happy to get any suggestions from you for future topics
  - [compute-accelerator-forum-organizers@cern.ch](mailto:compute-accelerator-forum-organizers@cern.ch)
- Other meetings of interest
  - Jülich Supercomputer [colloquium](#) on their A100 cluster (JUWELS), Wednesday 20 January

# Today's Meeting

- Agenda
  - Michael Wong on Heterogeneous Modern C++ using Khronos SYCL and oneAPI
  - Vladimir Loncar on Fast Deep Learning Inference for Particle Physics and Beyond
- Live Notes
  - We have a [live notes document](#) now
  - You can use this to make observation or to ask questions
- Any Questions?
  - Please raise your hand in Zoom - thanks! 

*We will record the meeting today* 