

# Math Special Interest Group

Session 1

March 8, 2023

# Agenda

- Welcoming remarks – 5 minutes
- Updates from last meeting – 5 minutes
- Experiences integrating hipSYCL to oneMKL – Bálint Soproni (30 minutes)
- Wrap-up and next steps – 5 minutes

# oneAPI Community Governance

- oneMKL TAB -> Math SIG
- Opening participation up to community
- Bring positive change to oneAPI specification and implementations of oneMKL
- Continue to have technical discussions on bi-monthly cadence
- As before, DO NOT share any confidential information or trade secrets
- Slides and notes from SIG meetings will be posted publicly (<https://github.com/oneapi-src/oneAPI-tab>)
- Welcome to the Math SIG and thanks!

# Experiences integrating hipSYCL to oneMKL

# Wrap-up

# Next Steps

- Focuses for next meeting(s):
  - Support of Discrete Fourier Transforms domain in oneMKL
  - Integrating SYCL-BLAS into oneMKL
  - Any topics from Math SIG members?
- If anyone has content that they would like posted on [oneAPI.io](https://oneapi.io), please let us know

# Resources

- oneAPI Main Page: <https://www.oneapi.io/>
- Latest release of oneMKL Spec (currently v. 1.2):  
<https://spec.oneapi.com/versions/latest/elements/oneMKL/source/index.html>
- GitHub for oneAPI Spec: <https://github.com/oneapi-src/oneAPI-spec>
- GitHub for oneAPI Community Forum: <https://github.com/oneapi-src/oneAPI-tab>
- GitHub for open source oneMKL interfaces (currently BLAS, RNG, and LAPACK domains): <https://github.com/oneapi-src/oneMKL>