oneAPI

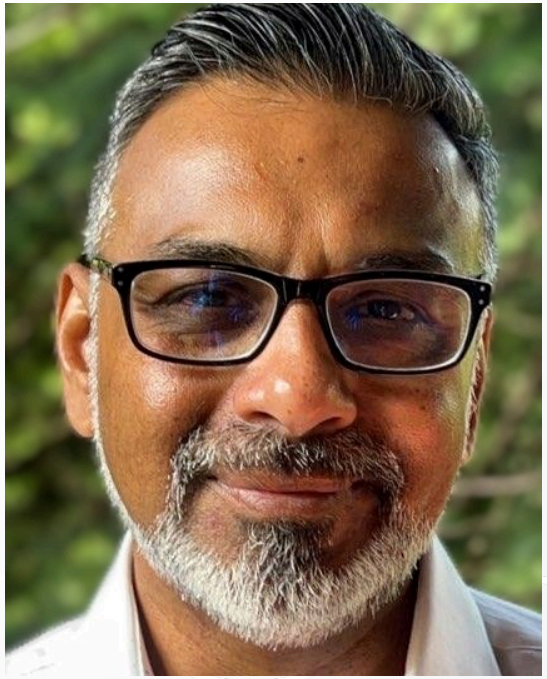
DevSummit 2023

Live Virtual Event Hosted by Intel

Unleash a New Era of Accelerated Computing

oneAPI

oneAPI DevSummit Hosts



Sri Ramkrishna

Intel

oneAPI Community Manager

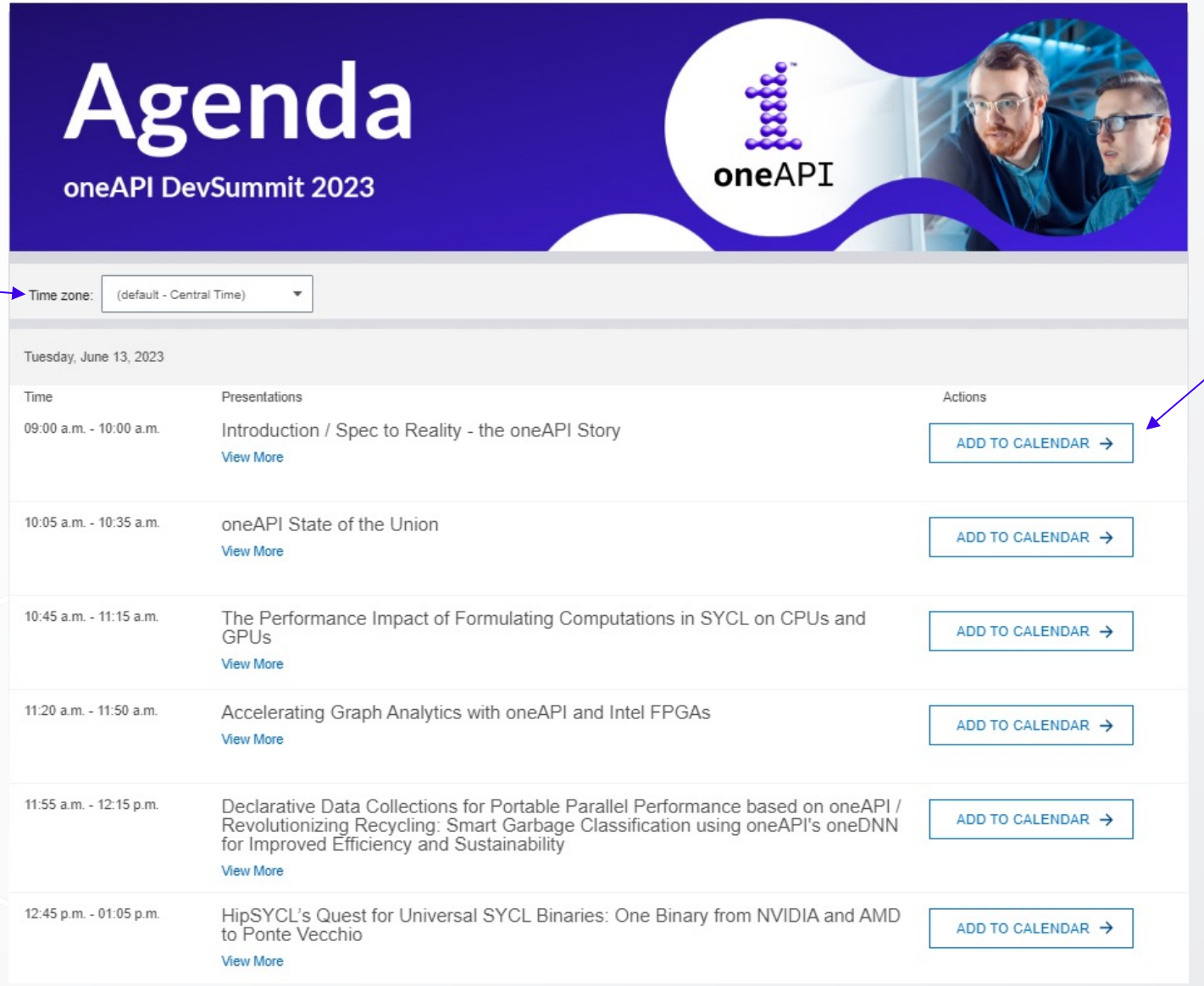
Susan Kahler

Intel

AI Product Manager

Agenda Page

Change the Time Zone



Join the presentation or add to calendar

Please note:

You must exit out of the previous presentation window and go back to the agenda page to join the next one.

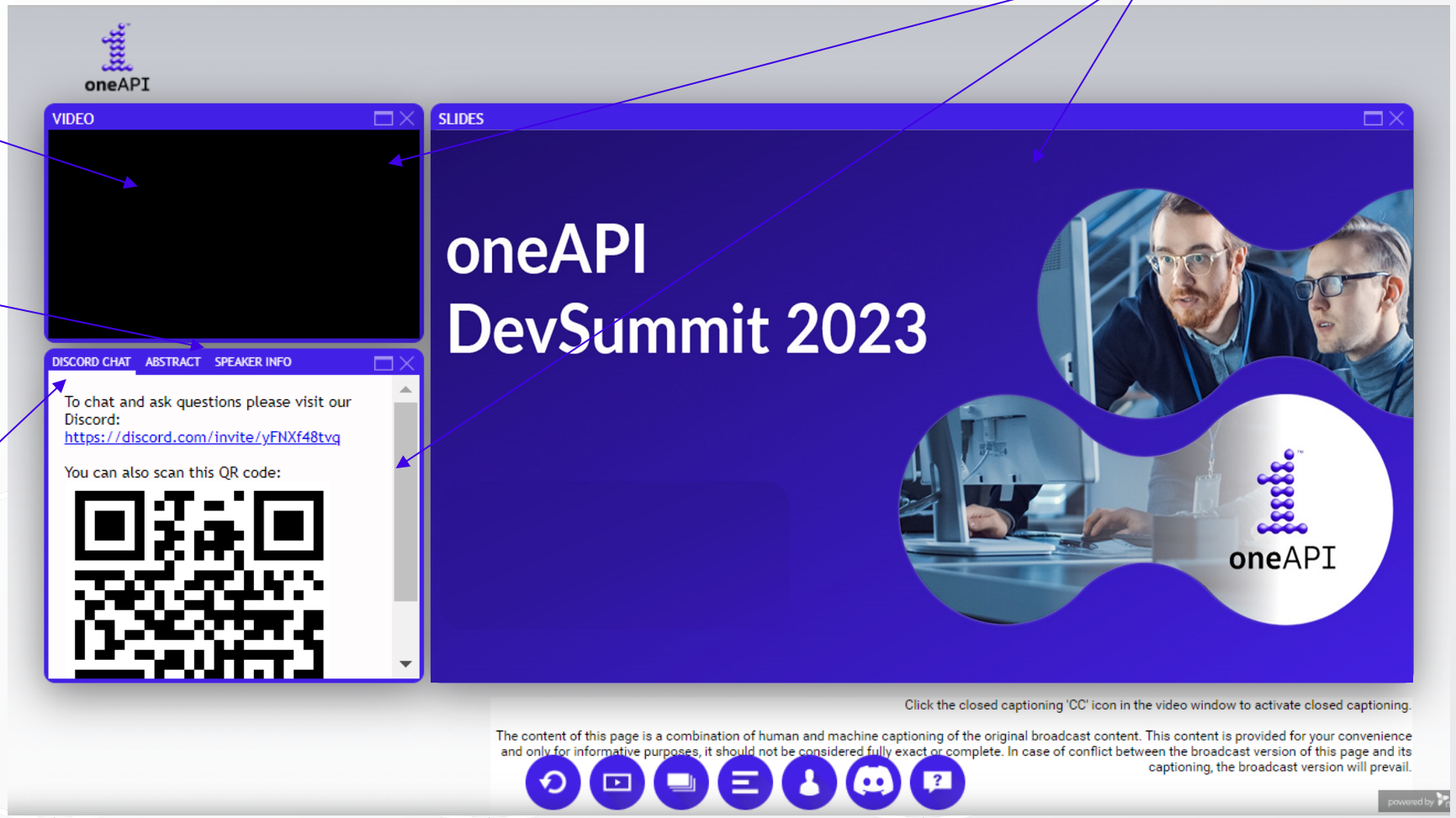
Using the Console

Move and resize the windows

Speaker Video

Abstract and Speaker Info

Discord to comment and ask questions



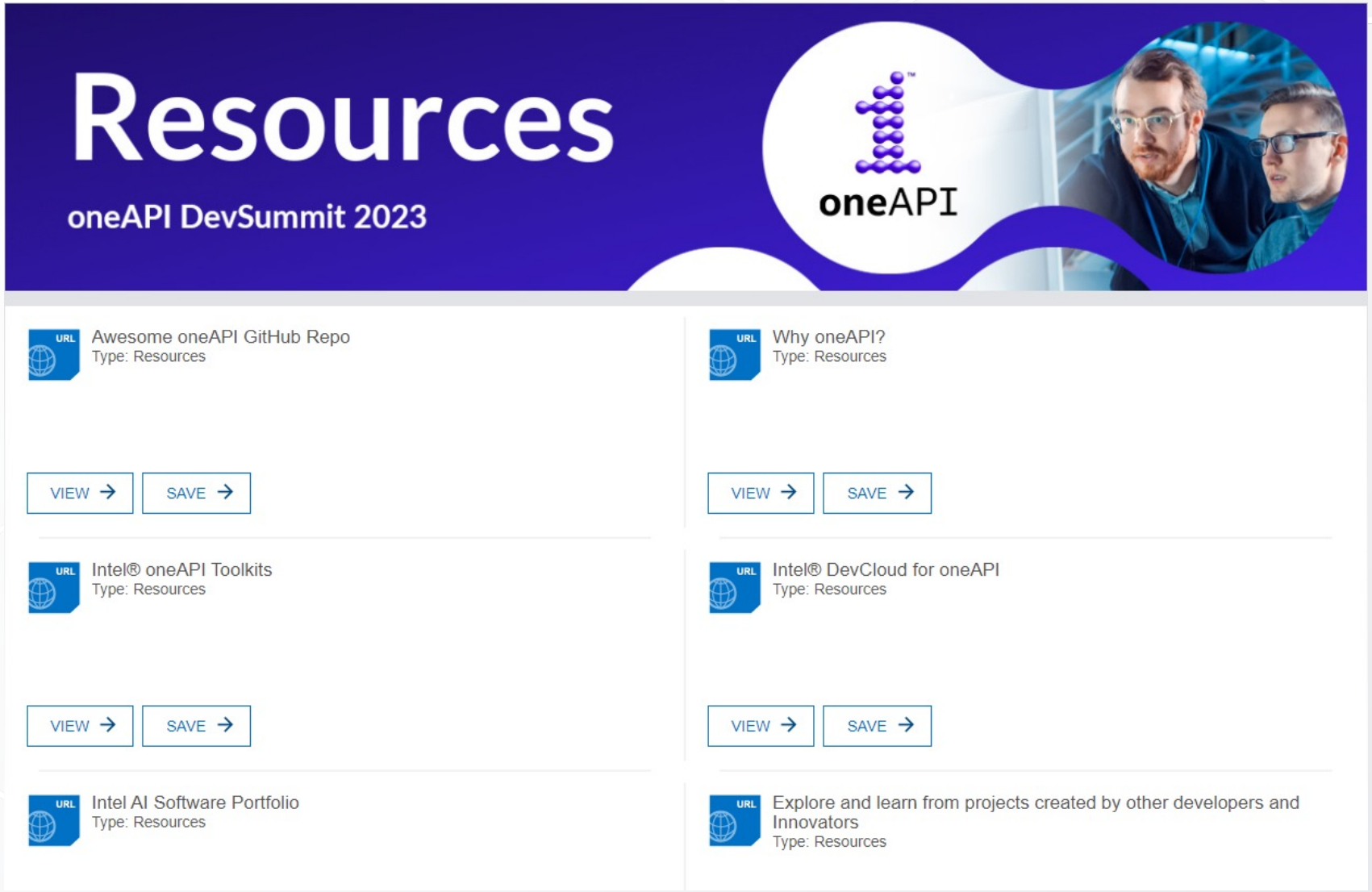
Quick Links

Earn Badges

Track who's on top of the badge leaderboard

Receive badges after completing an action

Learn more from Resources



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Share your experiences by tweeting and using the hashtag #oneAPIDevSummit

Check out your post on the Social Board

oneAPI DevSummit 2023 Agenda

Presentation Title	Presenter Name(s)	Time (CT)
Introduction	Sri Ramkrishna, Susan Kahler	9:00 – 9:15 am
oneAPI State of the Union	Tony Mongkolsmai, Dr. Hartwig Anzt, Sebastian Witalec, Ahmed Joudad, Rafael Lago	9:15 – 10:30
Break		10:35 – 10:45
The Performance Impact of Formulating Computations in SYCL on CPUs and GPUs	István Z Reguly	10:45 – 11:15
Accelerating Graph Analytics with oneAPI and Intel FPGAs	James Bickerstaff	11:20 – 11:50
Declarative Data Collections for Portable Parallel Performance based on oneAPI	Zhibo Li	11:55 – 12:05
Revolutionizing Recycling: Smart Garbage Classification using oneDNN for Improved Efficiency and Sustainability	Melbin Martin	12:05 – 12:15
Lunch		12:15 – 12:45
HipSYCL's Quest for Universal SYCL Binaries: One Binary from NVIDIA and AMD to Intel Data Center GPU Max Series	Aksel Alpay	12:45 – 1:05
Driving oneAPI Presence in Accelerated Computing	Moderator: James Reinders Dr. Hartwig Anzt, Maria Elli, Felix LeClair, Istvan Reguly, Zhuldyzzhan Sagimbayev, Dr. Mohammad Zubair, Dr. Jian Huang, Eric Nielsen	1:10 – 2:10
Break		2:10 – 2:20
Target NVIDIA and AMD with oneAPI and SYCL	Rafal Bielski	2:20 – 3:50
Conclusion	Sri Ramkrishna	3:50 – 4:00
Happy Hour	Russel Beutler	4:00 – 5:00

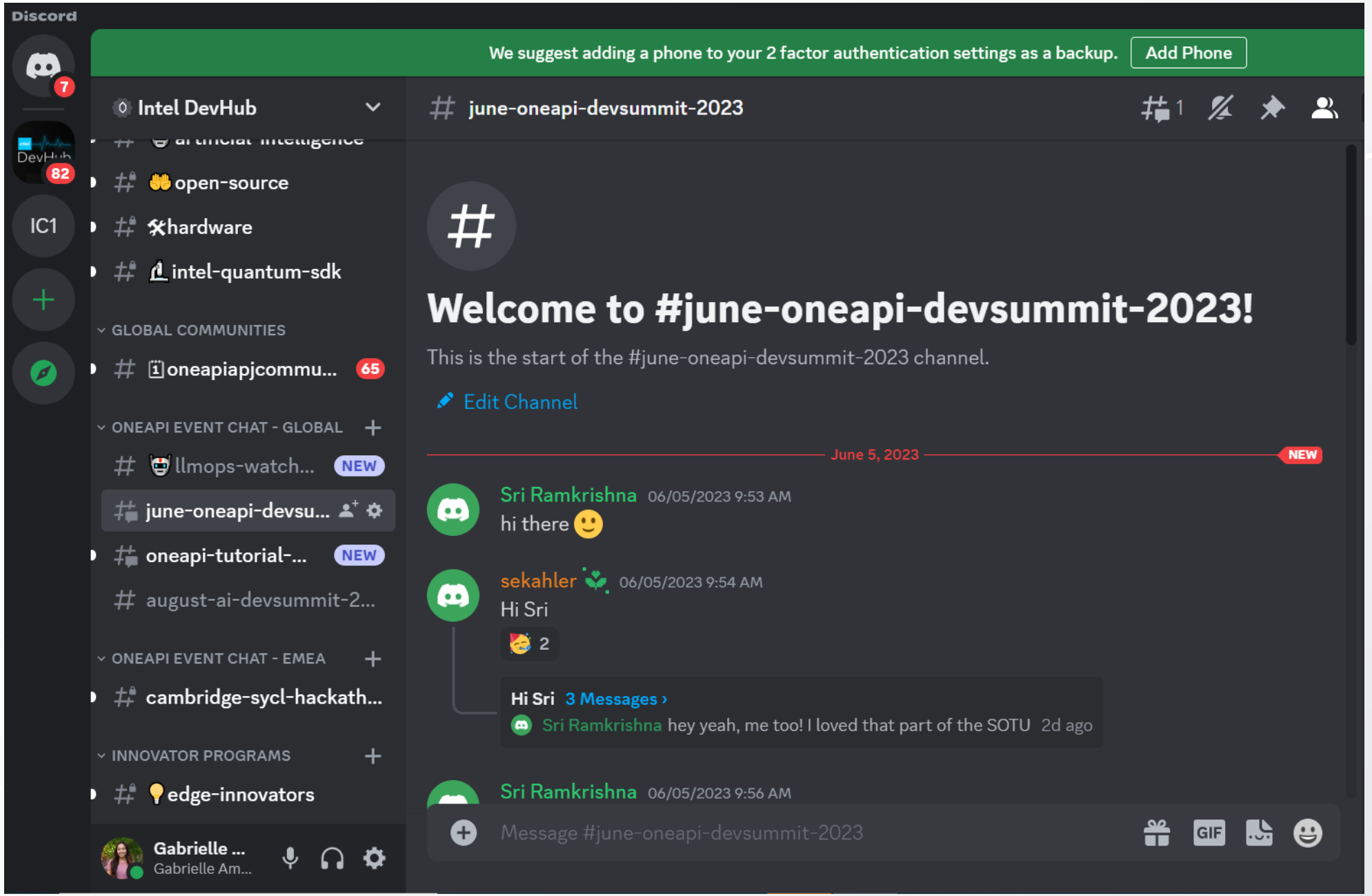
Join us on Discord

STEP–BY–STEP INSTRUTIONS:

- Step 1: Click on the invite link or scan the QR code
- Step 2: Press “Accept Invite”
- Step 3: Download the Discord app on your phone or proceed to browser on your computer
- Step 4: Register for a free Discord account (may need to allow time to verify email) or log in
- Step 5: Click on what you’re interested in
- Step 6: Accept the Rules in #Rules channel and verify you are not a bot to get full access.
- You’re in! Join the ONEAPI EVENT CHAT – GLOBAL → june-oneAPI-devsummit-2023 channel

Chat and ask questions on Discord

https://discord.gg/5u37xY2AWy


Discord
We suggest adding a phone to your 2 factor authentication settings as a backup.
Add Phone
Intel DevHub
june-oneapi-devsummit-2023
open-source
hardware
intel-quantum-sdk
GLOBAL COMMUNITIES
oneapiapjcommu...
65
ONEAPI EVENT CHAT - GLOBAL
llmops-watch...
NEW
june-oneapi-devsu...
oneapi-tutorial-...
NEW
august-ai-devsummit-2...
ONEAPI EVENT CHAT - EMEA
cambridge-sycl-hackath...
INNOVATOR PROGRAMS
edge-innovators
Gabrielle ...
Gabrielle Am...
Welcome to #june-oneapi-devsummit-2023!
This is the start of the #june-oneapi-devsummit-2023 channel.
Edit Channel
June 5, 2023
NEW
Sri Ramkrishna 06/05/2023 9:53 AM
hi there
sekahler 06/05/2023 9:54 AM
Hi Sri
2
Hi Sri 3 Messages ›
Sri Ramkrishna hey yeah, me too! I loved that part of the SOTU 2d ago
Sri Ramkrishna 06/05/2023 9:56 AM
Message #june-oneapi-devsummit-2023
GIF

POLLING QUESTION GOES HERE

DevSummit BONUS DAY

oneAPI DevSummit Day 2: CUDA to SYCL Migration Tutorials

Join us **tomorrow** for the oneAPI Tutorial Day!

June 14th

8:30 am to 4:00 pm CDT

- Multiple hands-on training sessions to port your CUDA code to C++ with SYCL and oneAPI
- Get familiar with oneAPI tools
- Use Intel® DevCloud

Start your oneAPI Journey

SCAN TO REGISTER

Seats are limited*

HAPPY HOUR

Join us to play fun games, chat, and get to know each other!

4:00 TO 5:00 PM CST

oneAPI State of the Union

Tony Mongkolsmai

Intel
Software Architect and Technical Evangelist