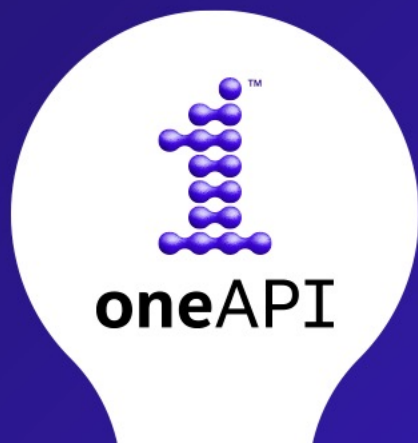


oneAPI

DevSummit 2023

Live Virtual Event Hosted by Intel

Unleash a New Era of Accelerated Computing



oneAPI DevSummit Hosts



Sri Ramkrishna

Intel

oneAPI Community
Manager

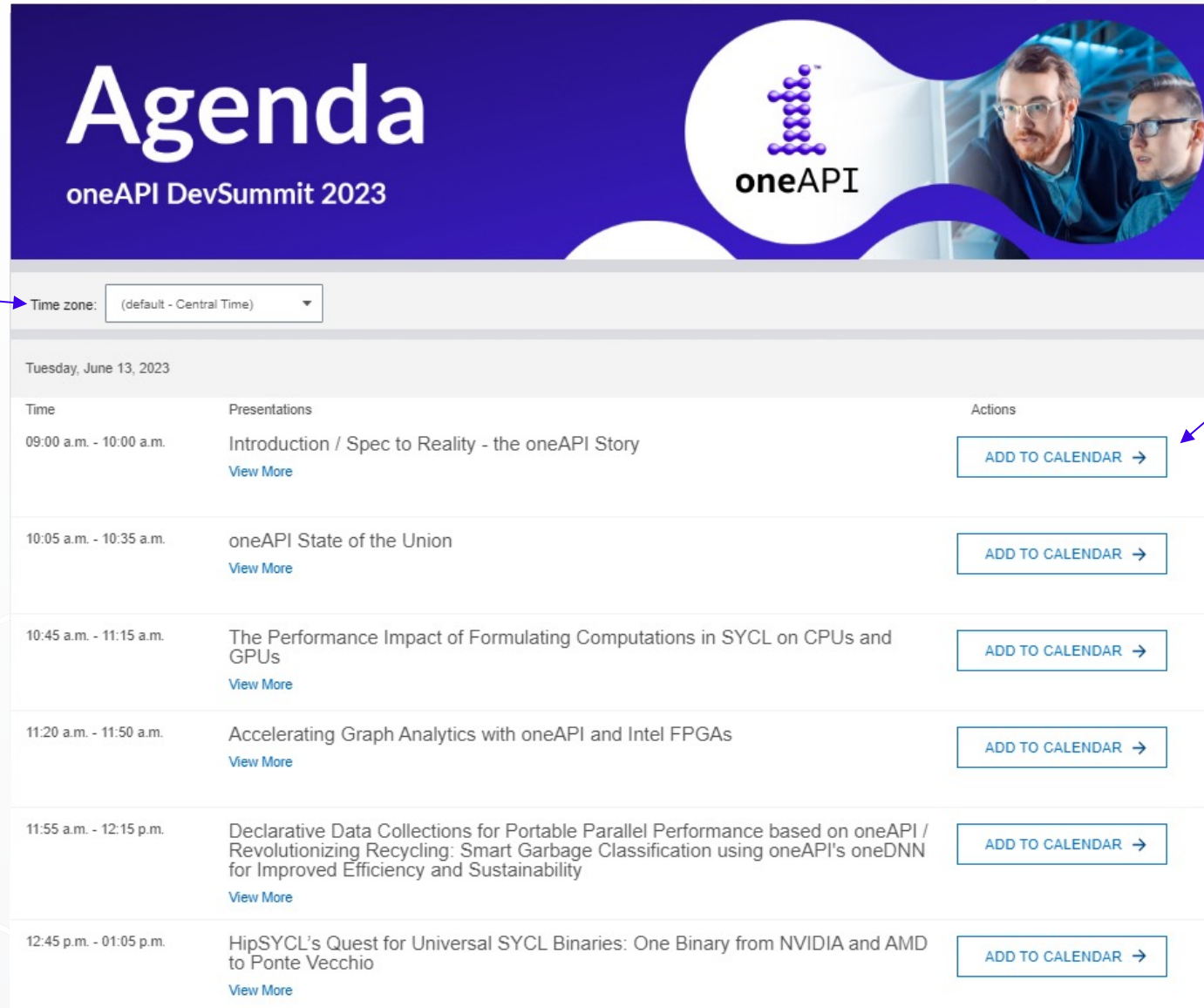


Susan Kahler

Intel

AI Product Manager

Agenda Page



Agenda

oneAPI DevSummit 2023

Time zone: (default - Central Time)

Tuesday, June 13, 2023

Time	Presentations	Actions
09:00 a.m. - 10:00 a.m.	Introduction / Spec to Reality - the oneAPI Story View More	ADD TO CALENDAR →
10:05 a.m. - 10:35 a.m.	oneAPI State of the Union View More	ADD TO CALENDAR →
10:45 a.m. - 11:15 a.m.	The Performance Impact of Formulating Computations in SYCL on CPUs and GPUs View More	ADD TO CALENDAR →
11:20 a.m. - 11:50 a.m.	Accelerating Graph Analytics with oneAPI and Intel FPGAs View More	ADD TO CALENDAR →
11:55 a.m. - 12:15 p.m.	Declarative Data Collections for Portable Parallel Performance based on oneAPI / Revolutionizing Recycling: Smart Garbage Classification using oneAPI's oneDNN View More	ADD TO CALENDAR →
12:45 p.m. - 01:05 p.m.	HipSYCL's Quest for Universal SYCL Binaries: One Binary from NVIDIA and AMD to Ponte Vecchio View More	ADD TO CALENDAR →

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	Russel Beutler Intel	300

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A social board for the oneAPI DevSummit 2023. The header is dark blue with the text "Get Social" in large white font and "oneAPI DevSummit 2023" below it. To the right is the oneAPI logo and a circular image of two men looking at a screen. Below the header are four social media posts. The first is a video post by Russ Beutler, the second is a text post by SRAMKRIS, the third is a video post by EM, and the fourth is a text post by Gabrielle Amoranto. Each post includes a profile picture, name, time, and a "Share" button.

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oneAPI DevSummit 2023

oneAPI

RUSSBEUTLER
an hour ago

Looking forward to seeing everyone next week at our [#oneAPIDevSummit](https://intel.ly/3UobH3H) being held Dec 6th - 7th. #hpc #ai #machinelearning #oneapidev #iamintel - Register now!

SRAMKRIS
3 hours ago

Looking forward to our #oneAPI #DevSummit being held Dec 6th - 7th - next week! #hpc #ai #machinelearning #oneapidev #iamintel - [#oneAPIDevSummit](https://intel.ly/3UobH3H) Register now!

EM
3 hours ago

Join us for [#oneAPIDevSummit](https://intel.ly/3UobH3H) for AI and HPC 2022! This two-day virtual event focuses on #AI and #HPC topics as we dive into cross-architecture development, tech talks, and get hands-on with oneAPI programming models. Sign up today!
<https://intel.ly/3UobH3H> #iamintel

oneAPI

GABRIELLE AMORANTO
a day ago

Excited to attend the oneAPI DevSummit for AI and HPC on 12/6 and 12/7! [#oneapidevsummit](https://www.oneapi.io/events/one-) Register here:
<https://www.oneapi.io/events/one->

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, Zhuldyyzhan 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

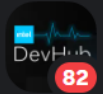
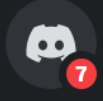
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- You’re in! Join the ONEAPI EVENT CHAT – GLOBAL → [june-oneAPI-devsummit-2023](#) channel

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1



Welcome to #june-oneapi-devsummit-2023!

This is the start of the #june-oneapi-devsummit-2023 channel.

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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



Gabielle ...
Gabielle Am...
🎤 🎧 ⚙️

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

