



Overview and Activities

Thomas Steinke (vice president)

IXPUG BoF at SC21



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Fosters technical collaboration



Independent users group



Free exchange of information



System architecture



Software tools
Programming models



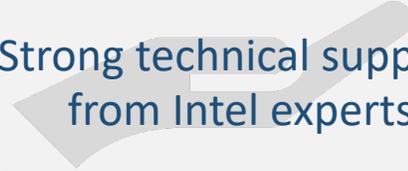
New workloads



Enhancing HPC & AI/DL workloads



Freely exchanging best practices publicly



Strong technical support from Intel experts

Computing systems using Intel® architecture & technologies



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IXPUG LEADERSHIP BOARD



President: R. Glenn Brook
Cornelis Networks



Vice President: Thomas Steinke
Zuse Institute Berlin



Secretary: Amit Ruhela
Texas Advanced Computing Center



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Intel Corporation

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The University of Tokyo



REGULAR IXPUG ACTIVITIES

- Annual Meeting
- BOF / Panels / Workshops
 - ❖ SC
 - ❖ ISC
 - ❖ HPC Asia
- Software-Defined Visualization Workshop
- Webinars

IXPUG Workshop @ HPC Asia 2022
January 14th 2022, **DIGITAL**

<https://www.cspp.cc.u-tokyo.ac.jp/hanawa/pukiwiki/index.php?IXPUG-HPCAsia2022>



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RESOURCES

Workshop slides/recordings and Webinars →

<https://www.ixpug.org/resources>

IXPUG Mid-Year Workshop 2021

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TACC

IXPUG Mid-Year Workshop 2021

Date: June 21, 2021 (6am-10am PDT / 8am-12pm CDT / 9am-1pm EDT / 3pm-7pm CEST / 10pm-2am+ JST)
Registration: This workshop is a digital event and free of charge. Register now via [Zoom](#) portal.

Agenda
 All times listed are CEST.

Start	End	Title	Presenter	Presentation
15:00	15:05	Welcome	IXPUG	
15:05	15:45	Keynote #1: Artificial Intelligence-Enabled Multi-Scale Simulations for COVID-19 Drug Discovery	Arvind Ramanathan (ANL)	Presentation
15:45	16:15	Tech Talk #1: Porting the Ginkgo Math Library to oneAPI	Yu-Hsiang Tsai, Terry Cojean and Hartwig Anzt (KIT)	Presentation
16:15	16:30	Break		
16:30	17:00	Tech Talk #2: Mixed-Language Programming with Fortran and Data Parallel C++	James Tullis and Christoph Bauinger (Intel)	Presentation



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HOW TO GET INVOLVED

- Join IXPUG (www.ixpug.org)
- Participate in an IXPUG Webinar
- Offer to give a presentation!
- Attend an IXPUG Meeting
- Host an IXPUG Meeting
- Volunteer for the IXPUG Steering Committee



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