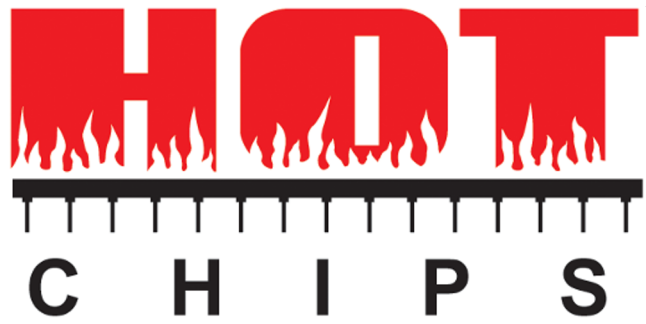**Welcome to Hot Chips 34!**

Organizing Committee

GC: Cliff Young, Google
VC: Gabriel Southern, Qualcomm

Conference Sponsor: IEEE Technical Committee on Microprocessors and Microcomputers

HOT CHIPS *Sponsors*

AMD

TII Technology Innovation Institute

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Achronix
Data Acceleration

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NVIDIA.

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Slack Overview

Sign-up info sent with your credentials.
Interact with speakers and sponsors.
Please list your pronouns and affiliation.

Channels:
#a1-announcements
#a2-help
#a3-general

"c" for conference talks
"k" for keynotes
"p" for posters
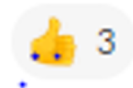**"s" for sponsors**
"t" for tutorials

During talks:
Ask a question if you haven't seen it asked
"Upvote" existing questions with thumbs up emoji
There will be an applause thread at the end of each talk where you can thank the speaker

Behind the Scenes

Volunteer Run Conference
- Steering Committee
- Operating Committee
- Program Committee

Chair	Cliff Young	Google
Vice Chair	Gabriel Southern	Qualcomm
Advertising	Don Draper	ProPrincipia
Web/IT	Kevin Broch	Rivos Inc.
Location Services	John Sell	AMD
	Allen Baum	Esperanto Technologies
Virtual Services	Deepak Unnikrishnan	NVIDIA
Finance	Lily Jow	
Production	Lance Hammond	
	Keith Diefendorff	
Publications	Stefan Rusu	TSMC
Registration	Charles Neuhauser	Neuhauser Associates, Inc
Sponsorship	Amr Zaky	
	Ian Bratt	ARM
Volunteers	Rohan Ganpati	Cadence
Press	Ralph Wittig	AMD

Welcome to the
Hot Chips 34 Program

Krste Asanović, University of California

Ron Diamant, Amazon

Hot Chips 34 Program Committee

Forest Baskett, NEA

Alan J. Smith, UC Berkeley

Ralph Wittig, AMD

Pradeep Dubey, Intel

Fred Weber

Yoshio Masubuchi, KIOXIA

Yuan Xie, UCSB/Alibaba

Nam Sung Kim, U. Illinois

Natalia Vassilieva, Cerebras

Debjit das Sarma, Tesla
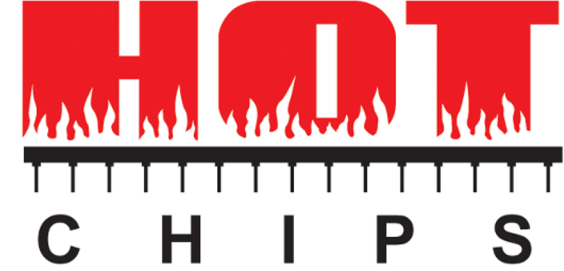
Ian Bratt, ARM

Mark Hill, Microsoft/UW-Madison

Ronny Krashinsky, NVIDIA

Heiner Litz, UC Santa Cruz

Tim Sherwood, UC Santa Barbara

Joe Macri, AMD

Priyanka Raina, Stanford

Tutorials

- Compute Express Link (CXL)
  - Intel
  - Meta & AMD
  - Micron & AMD
- Heterogenous Compilation in MLIR
  - Google
  - Nod.AI
  - ARM
  - SiFive & Microsoft

Keynotes

Semiconductors Run the World
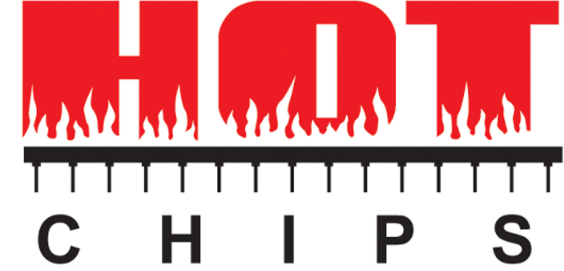
Pat Gelsinger

CEO, Intel

Monday 1:00pm (PDT)

**Beyond Compute—
Enabling AI through System Integration**

Ganesh Venkataramanan

Sr. Dir. Silicon Development, Tesla Motors

Tuesday 2:00pm (PDT)

Program Statistics and Sessions

72 abstract submissions
27 accepted talks

Monday

GPUs & HPC

Integration Technologies
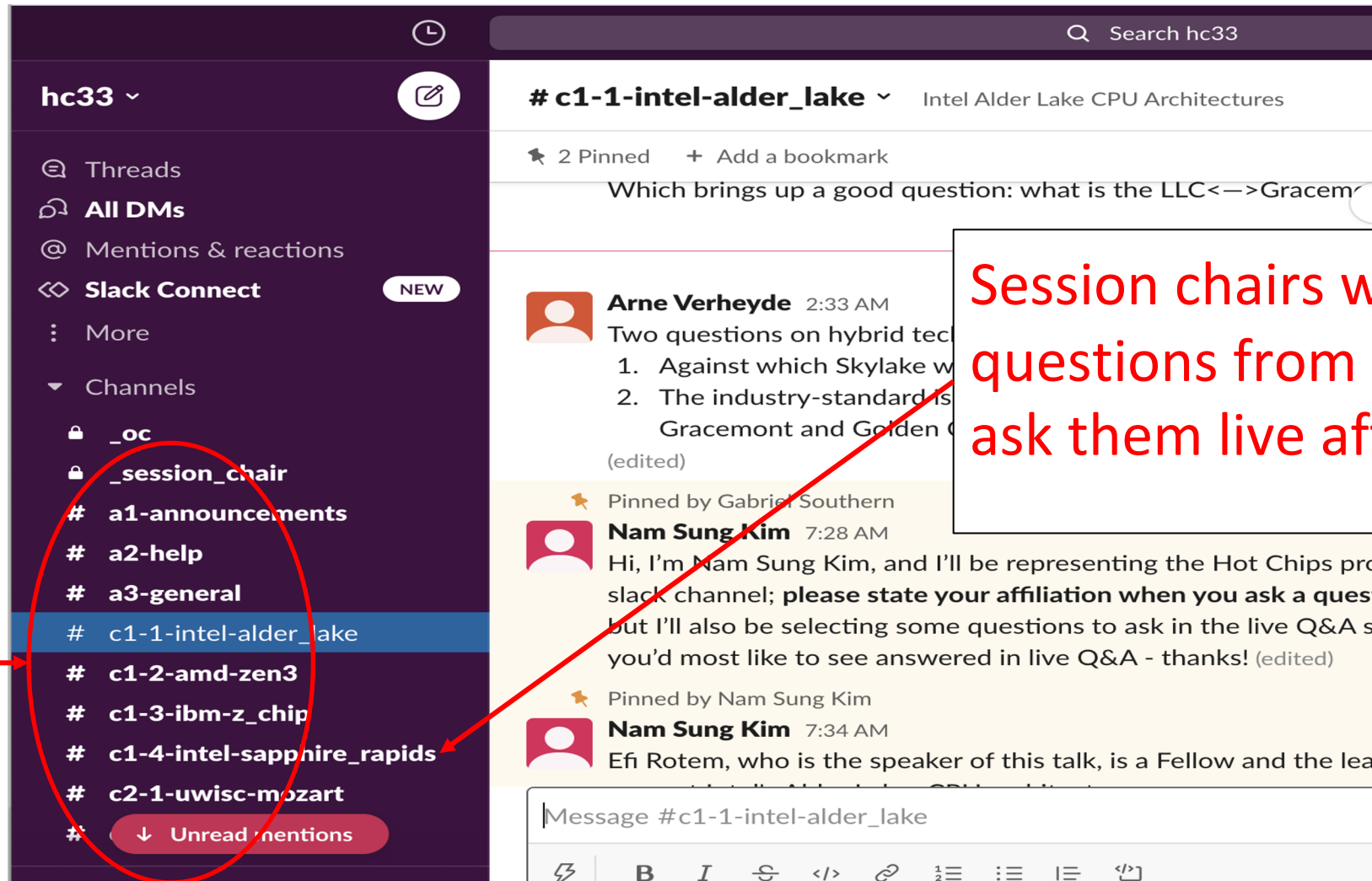
Academia

Tuesday

Machine Learning

Network & Switches

ADAS & Grace

Mobile & Edge Processors

Q&A Process Through Slack

Each talk has a dedicated slack channel

Session chairs will pick questions from Slack and ask them live after each talk

Posters

Hot Chips 34 selected 16 outstanding posters

Each poster will be staffed on a schedule determined by the presenter

- Visit them on the https://hc34.hotchips.org/ **Program** tab
  - Poster links are at the bottom of the page
- Slack Channels for interaction with presenters
- Links to the poster pdfs

Enjoy Hot Chips!