



Welcome to **Hot Chips 30!**

Program Committee co-Chairs:
John Kubiatowicz and Stefan Rusu

Program Committee

- John Kubiatawicz (UC Berkeley)
- Stefan Rusu (TSMC)
- Forest Baskett (NEA)
- Alan Smith (UC Berkeley)
- Pradeep Dubey (Intel)
- Ralph Wittig (Xilinx)
- John Sell (Microsoft)
- Rob Bedichek (Apple)
- Alisa Scherer (consultant)
- Gary Lauterbach (Cerebras)
- Ian Bratt (ARM)
- Patha Ranganathan (Google)
- Bill Dally (NVidia)
- Kurt Keutzer (UC Berkeley)
- Dileep Bhandarkar (Qualcomm)
- John Hennessy (Stanford)
- Yoshio Masubuchi (Toshiba)
- Wei Shaojun (Tsinghua Univ, Beijing)
- Geoffrey Burr (IBM)

Program Statistics

- 58 Submissions
 - Every submission was reviewed by all PC members
- 24 Accepted Talks
 - Mobile/Power Efficient Processors
 - Graphics Solutions
 - IoT/Edge Computing & Security Processors
 - Switching Fabrics and FPGA Architectures
 - New Technologies
 - Machine Learning
 - Server Processors
- 9 posters
 - Will be up both Monday and Tuesday. Go visit!

Keynotes

- Keynote #1: Spectre/Meltdown Tag-Team
 - “The era of security: Introduction”
John Hennessey (Stanford/Google)
 - “Spectre/Meltdown: the Project Zero/Reptoline journey”
Paul Turner (Google)
 - “Exploiting modern microarchitectures, implications for SW”
Jon Masters (Red Hat)
 - “Exploiting modern microarchitectures, implications for computer architects”
Mark Hill (U Wisconsin, Madison)
- Keynote #2:
 - “Adaptable Intelligence: the Next Computing Era”
Victor Peng (CEO Xilinx)

Tutorials

- Tutorial #1: Block Chains and distributed Ledgers
 - Organized by Geoffrey Burr (IBM)
- Tutorial #2: Architectures for Accelerating Deep Neural Nets
 - Organized by Kurt Keutzer (UC Berkeley)

Conference Etiquette

- Silence your cellphones
- Questions on technical talks
 - Wait until the end of the talk
 - Come to the microphone & start with name and affiliation
 - Stick to technical questions please
 - If there is a line, ask a single question
- For speakers: during the break before your talk
 - Introduce yourself to your session chair



Enjoy the Conference!