Welcome to Hot Chips 30!

Program Committee co-Chairs:
John Kubiatowicz and Stefan Rusu
Program Committee

• John Kubiatowicz (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!