

The Linley Fall Processor Conference Focuses on Next-Generation Processors and IP for AI, Automotive, and IoT

MOUNTAIN VIEW, CA. – October 16, 2018 – The Linley Group today announced an impressive lineup of more than 25 technical talks by industry experts at the Linley Processor Conference taking place October 31 and November 1 at the Hyatt Regency Hotel in Santa Clara, Calif. This unique forum explores the latest processors, memory, and IP cores used in AI (artificial intelligence), embedded, communications, automotive, and IoT designs.

The conference will feature at least 10 new product and technology announcements, including:

- SiFive will announce the world's highest-performance commercial RISC-V core.
- NXP will announce new processors in the LS1028A family.
- FlexLogix will introduce a new neural-network accelerator.
- Almotive will disclose details of its next-generation AiWare IP for neural-network acceleration.
- Cornami will disclose details of its novel architecture for AI acceleration that can scale to millions of cores.
- Imagination will introduce its latest PowerVR compression technology.
- Cadence will announce a new DSP for AI and audio processing.
- Arteris IP will announce a new version of FlexNoC with its accompanying AI Package.
- Inside Secure will announce a new product that protects data-center links at line rates of 400Gbps and beyond.
- After its recent acquisition of MIPS, Wave Computing will disclose its product strategy for accelerating AI at the edge.

Featured keynotes include:

- Cliff Young, Google Engineer will discuss how his team designed TPU chips for performance and scalability on AI inference and training.
- Linley Gwennap, Principal Analyst at The Linley Group, will discuss how AI and IoT are creating new bottlenecks that processor designers must address.

Each session includes a panel discussion, moderated by a Linley Group analyst, to dig into the technology details. Sponsors include Synopsys, Arm, Micron, Rambus, Imagination, Intel, Arteris IP, Cadence, Ceva, Inside Secure, SiFive, SecureRF, GlobalFoundries, NXP, Efinix, Mellanox, Wave Computing, Almotive, Qualcomm, Flex Logix, Netronome, and MIPI Alliance.

Attendees will have an opportunity to visit the sponsor's exhibits and network with industry leaders during the cocktail reception on Wednesday, October 31, from 4:30 – 6:00 p.m. The Linley Group offers free admission to pre-qualified registrants who sign up by October 25. For the full conference program and to register, please visit www.linleygroup.com/FPC18.

About The Linley Group

The Linley Group is the industry's leading source for independent technology analysis of semiconductors for networking, communications, mobile, and data-center applications. The company provides strategic consulting services, in-depth analytical reports, and conferences focused on advanced technologies for chip and system design. The Linley Group also publishes the weekly Microprocessor Report. For insights on recent industry news, subscribe to the company's free email: [Linley Newsletter](#).