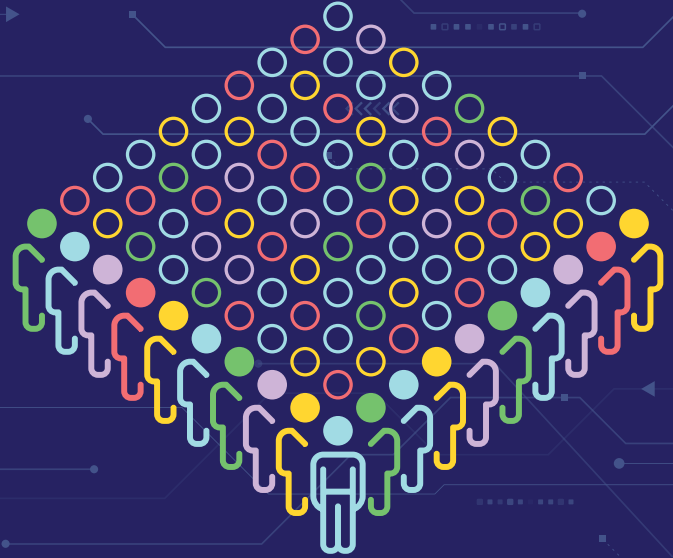# VLAB

Open-Source Processors:

Bringing Silicon Back to Silicon Valley?

The open-source approach to developing new technologies is entering a new realm, with the potential to change an entire industry. For years, open-source has lived exclusively in the software domain. From Linux to GitHub, open-source software has become a powerful way to bring new products and solutions to market. This open-source transformation in software is now making its way to hardware, with far-reaching implications.

Open-source has the potential to be as big a game-changer in hardware as it has been in software. Companies like SiFive and Esperanto are already commercializing new architectures based on the open-source approach, and new open-source communities like the RISC V consortium are having a huge impact.

In this event, our panel will discuss the promise of open-source CPU architectures and the challenges faced in building complete system-on-a-chip (SoC) products around an open-source core.

- What will motivate chip companies and customers to embrace open-source hardware?
- What ecosystem components are needed for successful commercialization?
- Which domains will benefit by embedding an open-architecture?
- What business models can succeed in this new ecosystem?

Join us on September 18 to find out.

Moderator
Linley Gwennap
President, The Linley Group

Panelists

Krste Asanovic
Co-Founder & Chief Architect, SiFive

Art Swift
VP Marketing & Business Development, Esperanto Technologies

John Heinlein
VP & Chief of Staff to the CEO, ARM

Stefan Dyckerhoff
Managing Director, Sutter Hill Ventures

Tuesday, September 18, 2018
6:00 pm – 8:30 pm

6:00 pm:
Reception and demos
7:00 pm:
Panel discussion (with Q&A)

Stanford Faculty Club
Stanford University
439 Lagunita Drive
Stanford, CA 94305

Register at the link below.

https://vlab.org/events/open-source-processors/