# *Welcome to our AI Wonderland*

THE SILICON CATALYST SEMI INDUSTRY
# FORUM

**6th Annual Forum**
*November 9, 2023 @ SRI Menlo Park*



**How Will AI Affect the Semiconductor Industry?** ›
Chip company veterans consider a future "AI wonderland"
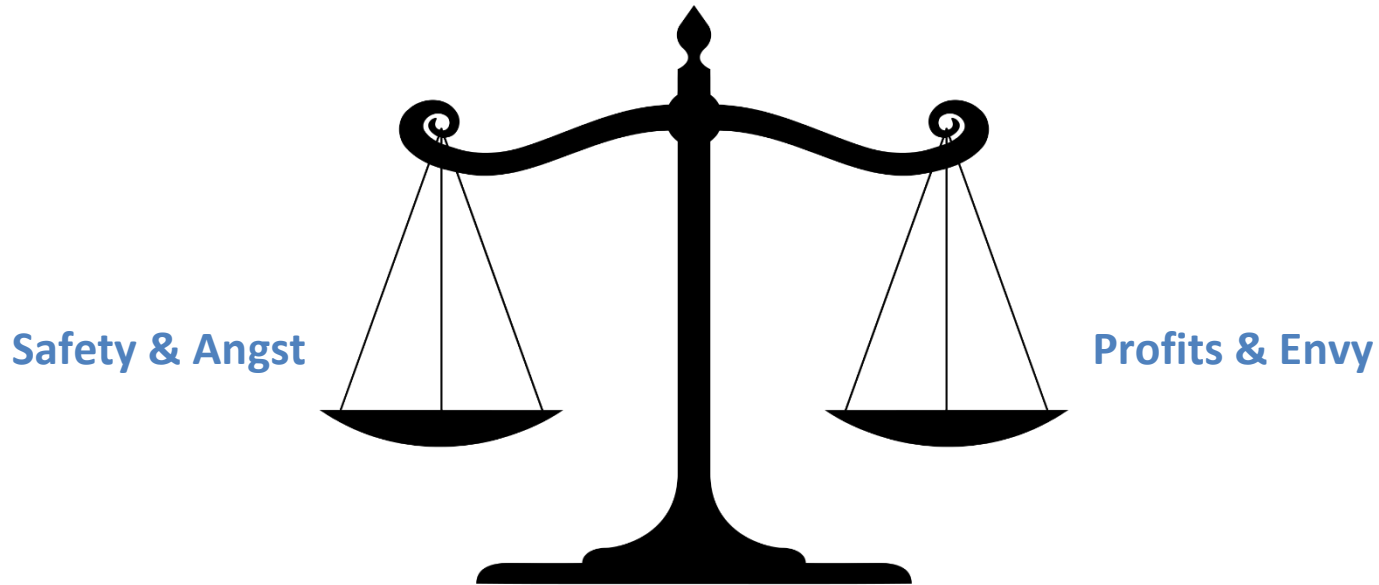
BY TEKLA S. PERRY | 15 NOV 2023 | 4 MIN READ | 🔖

## IEEE Spectrum

https://spectrum.ieee.org/how-will-ai-change-semiconductors

Si SILICON CATALYST
it's about what's next.®

# *"Humanity is at a turning point with AI"*

**Geoffrey Hinton**, widely considered the godfather of AI

**Safety & Angst**                          **Profits & Envy**

# *"Navigating our AI Wonderland"*

**Moderator**

EE|Times    **Nitin Dahad**        EE Times Correspondent

**Panelists**

**Jama Adams**        COO, Responsible Innovation Labs

*Mayfield*  **Navin Chaddha**    Managing Partner, Mayfield

incits  **Rohit Israni**        Chair AI Standards, US (INCITS/ANSI)

# Introductions by panelists

# Responsible Innovation Labs

**a nonprofit coalition making responsible innovation an essential mindset and operational norm among world-class technology companies and their investors. Members include:**

www.rilabs.org

# What are the Responsible AI commitments?

Commit to responsible AI

Foster trust through appropriate transparency

Forecast AI risks & benefits

Audit and test to ensure product safety

Make regular and ongoing improvements

**Practical, actionable resources that are right sized for startups and their investors**

Commitments = the "what" (5 parts of a Responsible AI program)

Protocol + other materials = the "how-to"

# Responsible AI Launch 11/14/23

Representative Coverage:

Bloomberg: Top VC Firms Sign Voluntary Commitments for Startups to Build AI Responsibly

Inc. Magazine: 5 steps your business can take to build a responsible AI program

Axios Pro: Commerce boosts new effort on responsible AI for startups



**Responsible Innovation Labs Launches First Pro-Innovation Responsible AI Protocol For Startups**

Actionable guidance developed with support from a multi-sector coalition of venture capitalists, generative AI startups, academia, and the U.S. Department of Commerce.

**Responsible AI Protocol for Startups & Investors**

Responsible Innovation Labs | November 14, 2023

**SAN FRANCISCO, November 14, 2023** – Responsible Innovation Labs (RIL), a nonprofit that equips founders and investors to create the next generation of high growth technology companies with responsible innovation at their core, has launched the first industry-driven responsible AI protocol specifically focused on startups and the investors who back them. Initial signatories to RIL's Responsible AI Protocol include 35 leading venture capital funds.

Today, RIL will release its Voluntary Responsible AI Protocol. U.S. Secretary of Commerce Gina Raimondo will attend the announcement in San Francisco and will share public remarks on the Biden Administration and Department of Commerce's vision to advance responsible AI and the importance of the startup and venture communities doing their part to build trustworthy and safe technologies. Participants will then engage in a roundtable conversation with the Secretary on how to achieve that vision.

# The InterNational Committee for Information Technology Standards INCITS

## INCITS/AI
## Artificial Intelligence

**www.incits.org**

**Facilitate responsible AI development and widespread adoption and use of AI technologies**

- Establish common vocabulary, best practices and guidelines for governance, risk management across stakeholders and regions

- Promote beneficial applications and help mitigate societal concerns:

  bias, explainability, transparency, accountability, privacy, security & safety

- Inform emerging legal and regulatory considerations

**Voluntary adoption fosters market competitiveness and rapid pace of innovation**

# Global AI Standards Landscape



ISO/IEC JTC1/SC 42

Horizontal ICT AI Standards

participation in ISO/IEC, ITU

collaborating with ISO/IEC

# Mayfield at a Glance

**People-First**
Philosophy

Partnering at inception stage with
**Entrepreneurs Who Change the World**

A team with
**Entrepreneurial DNA**

**50+ Year Investing Track Record**

**20**
U.S. Funds
→
**$3B**
Under Management
→
**550+**
Investments
→
**225+**
M&As
→
**120**
IPOs

www.mayfield.com

# Our People-First Framework for AI Investing

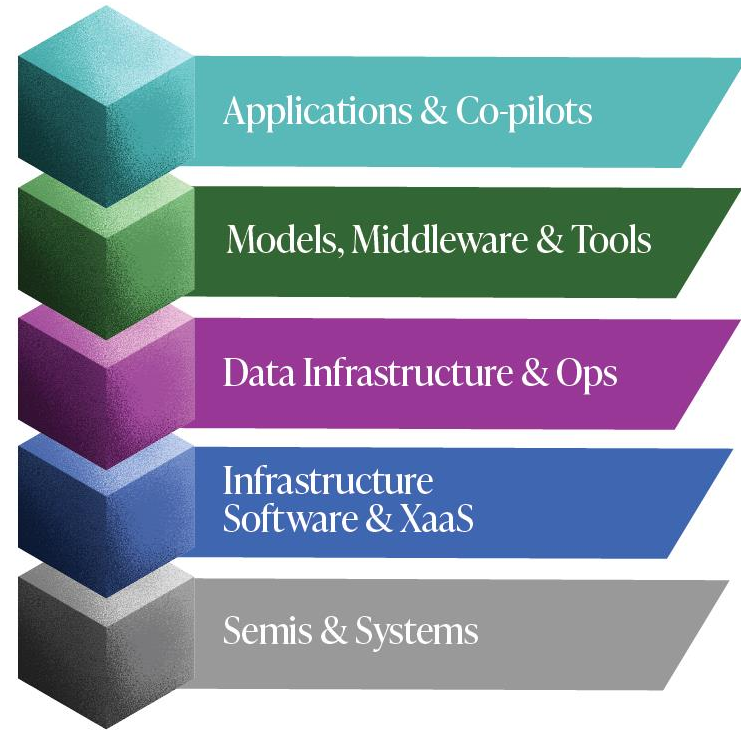1. Mission & Values Count

2. Gen AI has to be in Your Start-up DNA

3. Trust and Safety Cannot be an Afterthought

4. Data Privacy is a Human Right

5. Superhuman Impact can be Scored

Mayfield

# Investing Across the Five Layer Tech Stack

Applications & Co-pilots

Models, Middleware & Tools

Data Infrastructure & Ops

Infrastructure Software & XaaS

Semis & Systems

# *Panel Q &A discussion*

*Thank you for attending our webinar!*

# EE Times & Silicon Catalyst
# welcome your comments and feedback

## *forum@sicatalyst.com*

www.sicatalyst.com

**APPLICATIONS NOW BEING ACCEPTED**

**Silicon Catalyst's Incubator Application Deadline - January 12, 2024**

Silicon Catalyst is the world's only incubator + accelerator focused on semiconductor solutions, including photonics, MEMS, sensors, IP, and materials. We accelerate startups from idea through prototype, and onto a path to volume production.

Most seed stage companies will be eligible to receive $150,000 on admission

Companies accepted to the Luminate/Silicon Catalyst co-incubation receive an immediate $100,000 and a chance to compete for up to $2M

Incubated companies will be eligible to apply to Silicon Catalyst Angels for access to additional funding