Accelerating Innovation
Startup Perspective

Rodrigo Liang
CEO, SambaNova Systems
AI Is a Generational Shift

- Scale-out Computing
- Embedded Devices

- Web 1998
- Mobile 2008
- AI Today

AI Computing
AI’s Broad Impact

VCs invested ~$10B in semiconductors in 2021

By 2025, **AI-related semiconductors** could account for ~20% of all demand

AI is projected to add **$15T** to the global economy over next decade

AI is **transformative across social & economic spheres**
Vibrant Semiconductor Startup Ecosystem

- Funding model
- Market access
- Rich ecosystem
- Talent
Commercial Productization Timeline

- **Investment**
  - Chip development
  - Technology access (fabs, package, tools)
  - Hire talent
  - Tapeout
  - Fab
  - First prototypes
  - System development
  - Software development
  - Customer PoC
  - Volume production

- **Revenue**

---

**Annualized $M**

**Time**
Speed Time to Sustainable Profitability

- Hire talent
- Technology access (fabs, package, tools)
- Chip development
- Fab
- First prototypes
- System development
- Software development
- Customer PoC
- Volume production
SambaNova Approach

Stanford Innovation & entrepreneurship

DARPA Funded research

National Labs Partnering to Accelerate AI

2017 Established the company

Series D Funded Top US investors $1.1B raised; $5B valuation

500+ Employees

AI Processor RDU optimized for dataflow

Integrated AI Platform Public and commercial use cases