

# Welcome to the 2023



it's about what's next.®



THE SILICON CATALYST SEMI INDUSTRY

# FORUM

***PLEASE TURN YOUR PHONES  
TO SILENT MODE***

# Welcome to the 2023



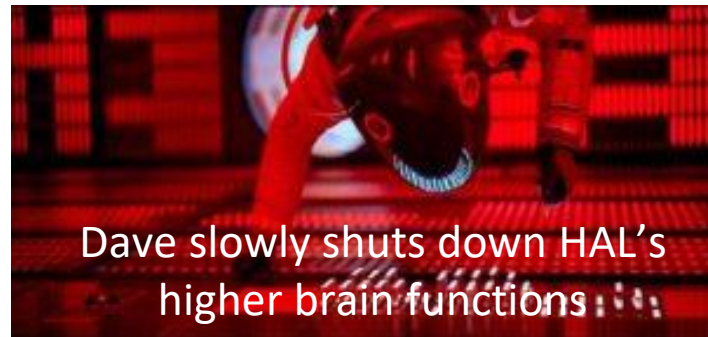
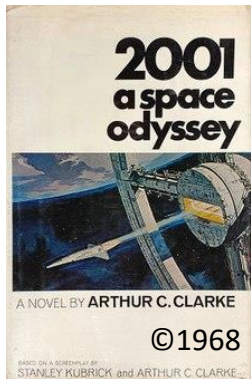
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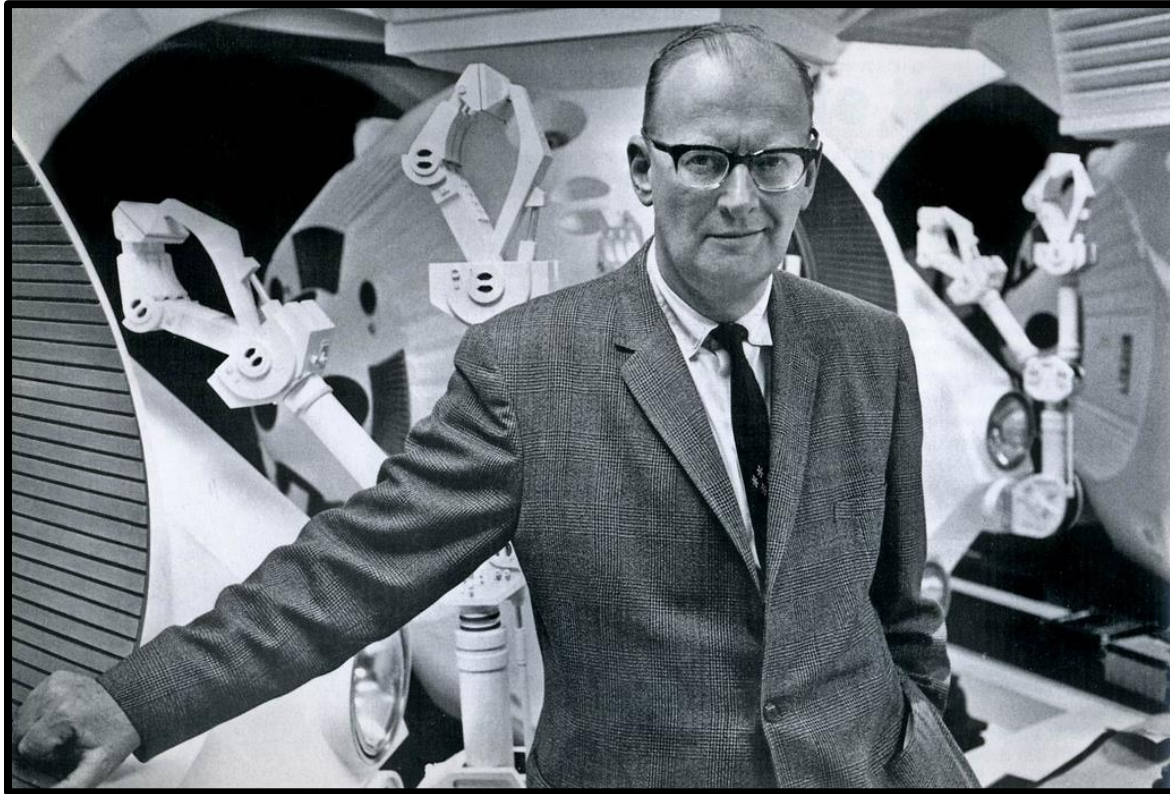
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# Arthur C. Clarke



<b>Born</b>	Arthur Charles Clarke 16 December 1917 <a href="#">Minehead</a> , Somerset, England
<b>Died</b>	19 March 2008 (aged 90) <a href="#">Colombo</a> , Sri Lanka
<b>Pen name</b>	Charles Willis E. G. O'Brien <sup>[1][2]</sup>
<b>Occupation</b>	Writer, inventor, futurist
<b>Alma mater</b>	<a href="#">King's College London</a>
<b>Period</b>	1946–2008
<b>Genre</b>	<a href="#">Hard science fiction</a> <a href="#">Popular science</a>
<b>Subject</b>	Science
<b>Notable works</b>	<i><a href="#">Childhood's End</a></i> <i><a href="#">2001: A Space Odyssey</a></i> <i><a href="#">Rendezvous with Rama</a></i> <i><a href="#">The Fountains of Paradise</a></i>

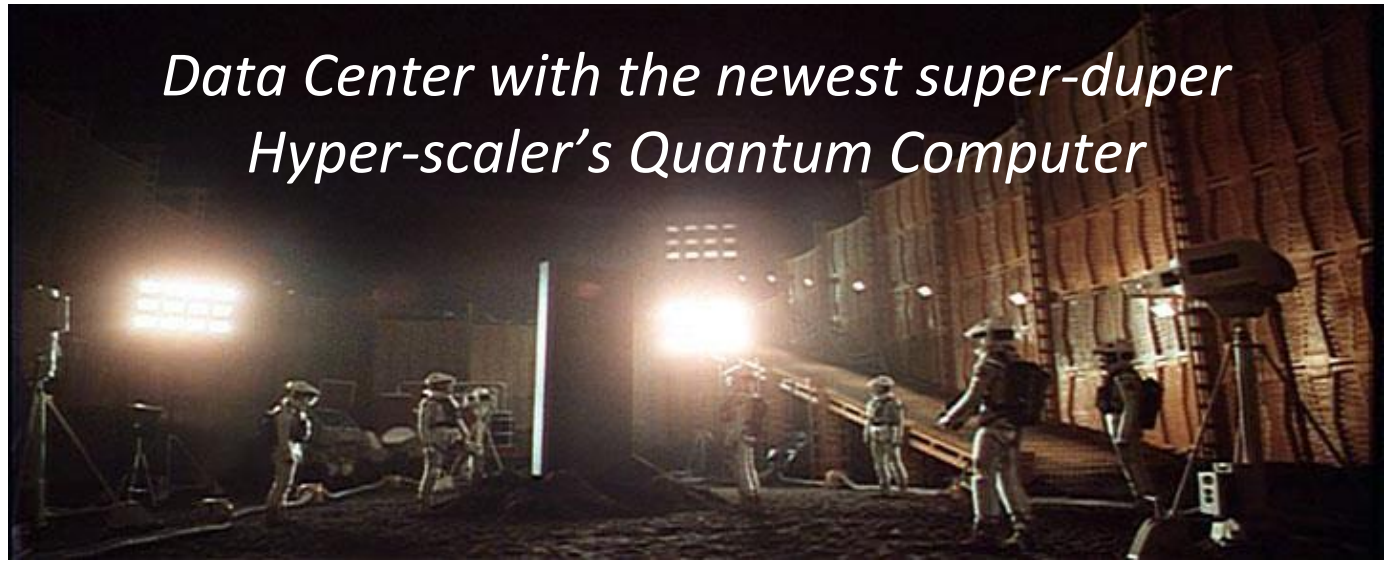
2030  
a human  
odyssey



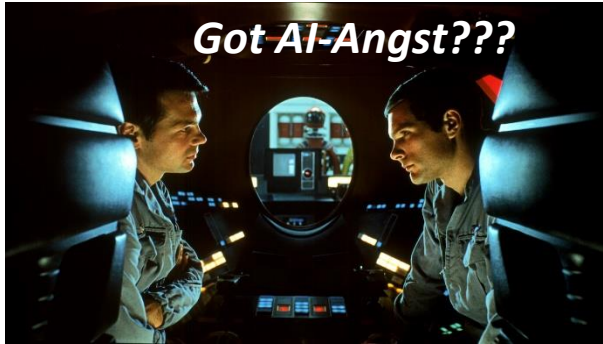
A NOVEL BY ARTHUR C. CLARKE

BASED ON A SCREENPLAY BY  
STANLEY KUBRICK and ARTHUR C. CLARKE

GPT-666



*Data Center with the newest super-duper  
Hyper-scaler's Quantum Computer*



*Got AI-Angst???*



*"We" slowly shut down GPT-666,  
before it shuts us down !*



***The Nobel Prize in Physics should be awarded to Arthur C. Clarke***

**→ Fortune Teller**

*( >50 Years in the future )*

**→ Time Machine Inventor**



*Want to sign our petition to the Nobel Prize Committee for Physics?  
[forum@sicatalyst.com](mailto:forum@sicatalyst.com)*



*Look around the room to see what AI can do 😊*



# SRI

*Special thanks to our venue host !*



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## Legacy

Founded in 1946 by  
Stanford University



## Innovation

\$4B+ in research over the last 10 years

**13,000+**

Patent cases  
since founding

**1,000+**

Invention disclosures  
in past 10 years

**1,000+**

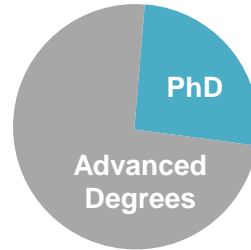
Scientific reports

**500+**

R&D projects / year

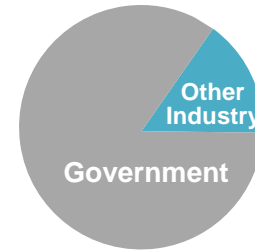
**1,500**

Staff members



**~\$400M**

Annual revenue



## Transition

Created more than \$100B of marketplace value

**50+**

Spin-off  
companies

**100+**

Technology  
licenses

**100+**

Industry  
projects / year



# Thanks to our Event Sponsors!



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Mayfield



**MICROTECH**  
VENTURES



*And a special shout-out to...*



it's about what's next.®

*our Strategic Marketing Partner*



*and to our promotional sponsor*





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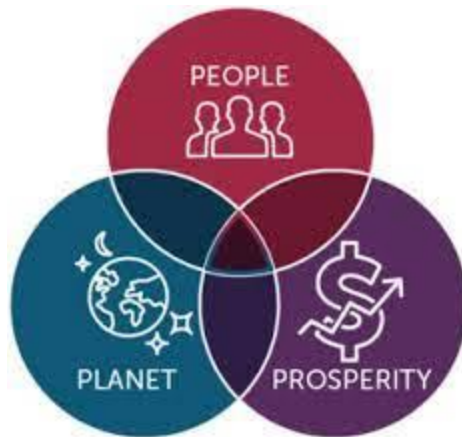
# FORUM



it's about what's next.®

*It's about what's next, but it's also*

*about the bigger picture*



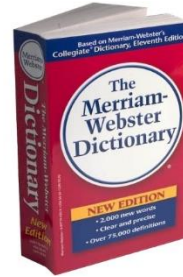


**It's about what's next.**

***It's also about semiconductor entanglement.***

***The state of the world cannot be described independent of the semiconductor industry.***





2023 Edition

Sem·i·con·duc·tor

~~/ˈseməkənˌdʌktər/~~ 

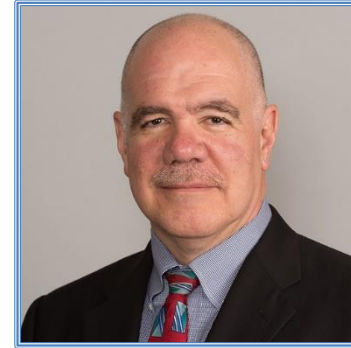
~~noun~~

- ~~1. a solid substance that has a conductivity between that of an insulator and that of most metals, either due to the addition of an impurity or because of temperature effects. Devices made of semiconductors, notably silicon, are essential components of most electronic circuits.~~

1. the source of oxygen that allows AI to live.



## Pete Rodriguez, CEO



Pete Rodriguez has nearly 40 years of experience in the Semiconductor industry. He recently served on the semiconductor working group of the President's council of advisors in science and technology ([PCAST](#)) and is on the steering committee of the American Semiconductor Innovation Coalition ([ASIC](#)).

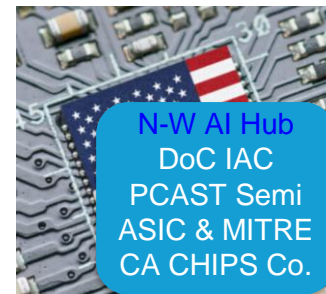
### REPORT TO THE PRESIDENT Revitalizing the U.S. Semiconductor Ecosystem

Executive Office of the President  
President's Council of Advisors on  
Science and Technology

September 2022



# Ecosystem Centered on Startups



**International**  
Israel & UK Teams  
Advisors worldwide



**35+ Universities**

- STANFORD UNIVERSITY
- UC BERKELEY
- HERIOT WATT UNIVERSITY
- Berkeley UNIVERSITY OF CALIFORNIA
- MIT
- TEL AVIV UNIVERSITY

**Industry Partners**

- GSA
- SIA SEMICONDUCTOR INDUSTRY ASSOCIATION
- semr
- PitchBook.
- nmi Semiconductors in Systems
- VENTURE UNIVERSITY

**Accelerators**

- octane
- PRAXIS CENTER for Venture Development
- BATCHERY
- INNOVATION SPACE
- NEXTCORPS
- LUMINATE
- KNX STARTUP

Good for Startups, Partners, Investors, Advisors ... the industry

# Silicon Catalyst's Strategic Partners



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Sony  
Semiconductor  
Solutions



Strategic and early access to Semiconductor Innovation



# Startups start here.

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it starts with startups.®



## 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 Luminite/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



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