



## Active List of Inaugural Timekeeper Society Members

### A-list

#### Renowned Scientists & Communicators

- Jill Tarter: Pioneer in SETI research, expert in radio astronomy timing and signals
- Mae Jemison: First African American woman in space, now works on interstellar time concepts with 100 Year Starship
- Priyamvada Natarajan: Yale astrophysicist known for work on dark matter and time dilation
- Sylvester James Gates Jr: Theoretical physicist known for work on supersymmetry and time in quantum mechanics
- Andrea Ghez: Nobel laureate who proved existence of supermassive black hole at galaxy center using precise timing
- Neil deGrasse Tyson: Astrophysicist, excellent communicator of time concepts in space
- Kip Thorne: Nobel laureate, LIGO pioneer, expert in gravitational time dilation

#### Technology & Innovation Leaders

- Radia Perlman: Inventor of spanning-tree protocol, fundamental to network timing
- Marian Croak: VP at Google, pioneering work in Voice over IP timing
- Shirley Ann Jackson: First African American woman to earn MIT doctorate, expert in telecommunications
- Persis Drell: Stanford physicist and tech leader, expert in particle physics timing
- Lisa Su: AMD CEO, leader in processor timing and synchronization
- Gwynne Shotwell: SpaceX President, oversees precise timing for launches and landings

#### Unique Perspectives

- Jennifer Doudna: Nobel laureate, CRISPR pioneer studying biological timing
- David Eagleman: Renowned neuroscientist studying time perception



- Lucy Hawking: Science educator, carries forward Stephen Hawking's legacy on time
- Radhika Nagpal: Harvard roboticist working on swarm synchronization
- Brian Greene: String theorist, excellent communicator of complex time concepts
- Sara Seager: MIT astrophysicist, expert in exoplanet detection timing

## B-List Candidates

### Space & Physics Leaders

- Nergis Mavalvala: Astrophysicist, gravitational waves detection pioneer
- Jun Ye: NIST/JILA fellow, atomic clocks and quantum timing expert
- David Wineland: Nobel Laureate, quantum timekeeping pioneer
- Scott Ransom: National Radio Astronomy Observatory, pulsar timing expert
- Ronald Walsworth: Quantum timing researcher, University of Maryland
- Katherine Freese: Theoretical physicist, dark matter timing studies

### Computing & Networks

- Margaret Martonosi: Princeton professor, computer architecture and quantum computing
- Jennifer Rexford: Princeton professor, network operations specialist
- Anne Wilson: Chief Timing Officer at major stock exchange
- Marc Weiss: Former NIST time and frequency expert
- Patricia Gruber: Former Office of Naval Research, timing systems expert
- Dana Dubois: Telecommunications synchronization specialist

### AI & Ethics

- Shawna Hoffman: IBM Global AI and Ethics Leader
- Elizabeth Hughes: Power grid synchronization expert
- James McCarthy: Financial systems timing consultant
- Martin Brennan: GPS timing systems architect

### Historical Recognition (Posthumous)



- Claudia Alexander: NASA Project Scientist, Galileo and Rosetta missions
- Katherine Johnson: NASA mathematician, critical space mission timing calculation

### C-List Candidates

#### Rising Scientists & Engineers

- Aisha Bowe: STEMBoard founder, former NASA engineer
- Dr. Jedidah Isler: Astrophysicist, blazars expert
- Maya Rodriguez: Post-doc researcher in quantum timing
- Thomas Chen: Assistant Professor, AI system synchronization
- Laura Martinez: Emerging researcher in biological clock studies
- Rachel Thompson: Up-and-coming chronobiologist

#### Technology & Innovation

- Simone Giertz: Inventor and engineering communicator
- Chris Lattner: Software pioneer, Swift creator
- Hadi Partovi: Code.org CEO, tech education advocate
- Michael Kratsios: Former US CTO, tech advisor
- Sarah Chen: Data center synchronization specialist
- Robert Kim: Financial technology timing systems expert
- Diana Patel: Railway systems timing engineer
- Linda Garcia: Smart grid timing coordinator

#### Strategic Value Categories:



1. Technical Expertise
  - Quantum timing
  - Network synchronization
  - Infrastructure timing
  - Space-based timing
  
2. Industry Connection
  - Data centers
  - Financial systems
  - Telecommunications
  - Power grid
  - Transportation
  
3. Communication & Advocacy
  - Science communication
  - STEM education
  - Diversity in technology
  - Industry leadership
4. Innovation Areas
  - AI/ML timing requirements
  - Quantum computing
  - Space exploration
  - Infrastructure development

#### Recruitment Priority Matrix:

##### High Priority (Immediate Outreach)

1. Nergis Mavalvala - Direct connection to precision timing
2. Jennifer Rexford - Network expertise crucial for AI infrastructure
3. Aisha Bowe - Fresh perspective and NASA experience
4. Margaret Martonosi - Computing architecture expertise



## Secondary Priority

1. Shawna Hoffman - AI ethics perspective
2. Chris Lattner - Software timing expertise
3. Sarah Chen - Data center focus
4. Jun Ye - Academic credibility

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