

Technology Trends

Space (continued)

Center for Learning in Retirement

CLR Fall 2020

Glen Maxson & Alan Freedman

Week 11

Public Service Announcement

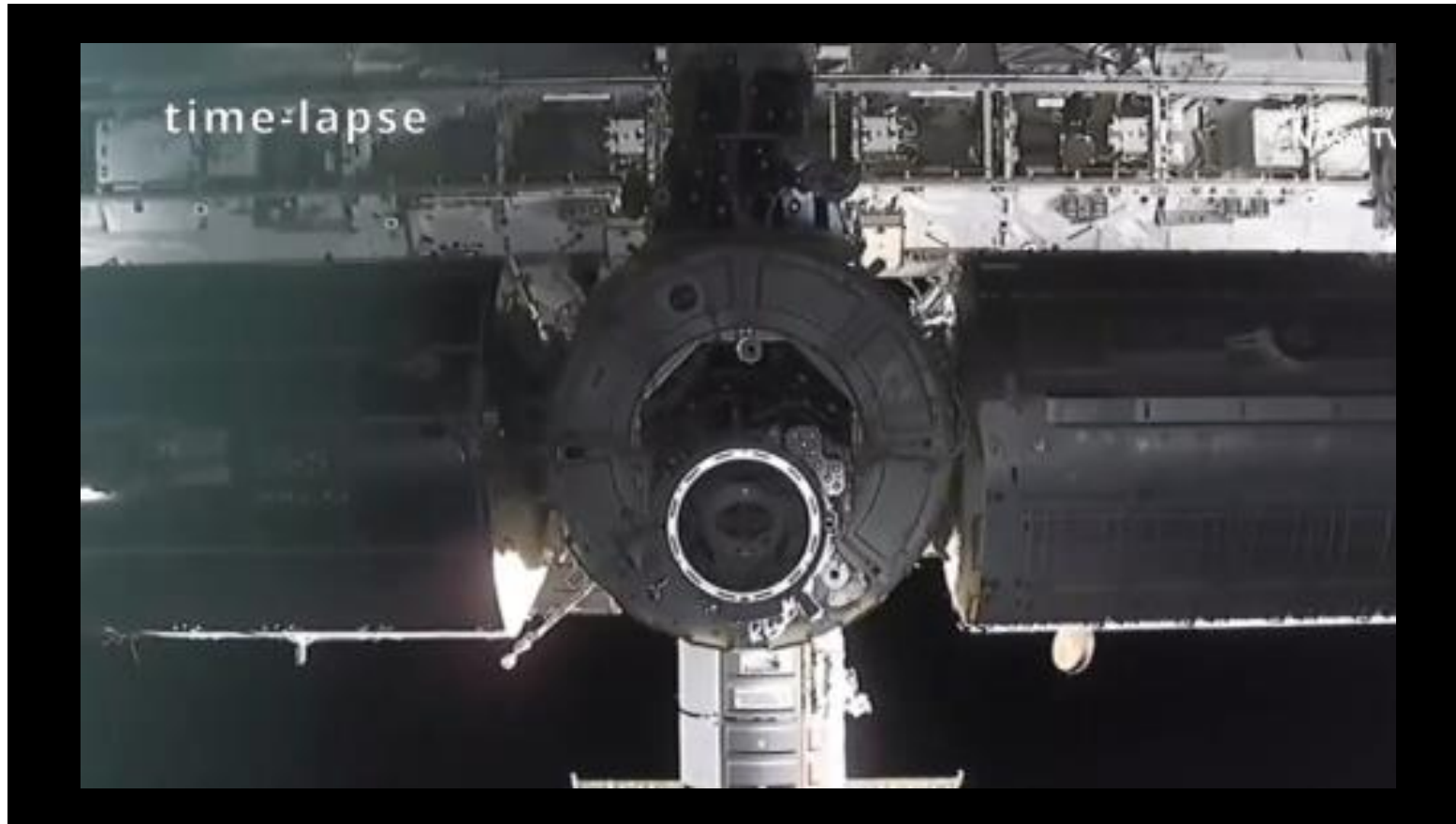
- We are currently asking members who are currently enrolled in a Fall II and/or Fall term course(s) to please submit an anonymous evaluation for each course.
- The deadline to submit a Fall II and/or Fall Term CLR Course Evaluation form is Friday, December 4 by Noon (ET). [Fall II & Fall Term CLR Course Evaluation Form](#)

Thank you!

The What

- ~~Artificial Intelligence & Machine Learning~~
- ~~Robots & Drones~~
- ~~Autonomous Transportation Systems~~
- ~~Surveillance~~
- ~~(Cyber) Crime, Security & Warfare~~
- ~~Medical Tech~~
- ~~Media~~
- ~~(Virtual) Money & Blockchain~~
- ~~Communication~~
- Space
- Earth & Sky

Crew 1: Docking w/ ISS ([source](#))



Space Tourism ([source](#))

- [Space Tourism: The Latest News, Features and Photos ...](#)
- [Space tourism: How SpaceX, Virgin Galactic, Blue Origin ...](#)
- [Virgin Galactic](#)
- [2019 is the year that space tourism finally becomes a reality ...](#)
- [Space Tourism: 5 Space Companies That Will Make You An ...](#)
- Video: [Why SpaceX, Virgin, & Blue Origin Are Betting On Space Tourism](#)

Why SpaceX, Virgin, & Blue Origin Are Betting On Space Tourism



The ISS (source)

- [International Space Station | NASA](#)
- [What Is the International Space Station? | NASA](#)
- [International Space Station: Facts, History & Tracking | Space](#)
- [Video: A Bridge Above: 20 Years of the International Space Station](#)
- [Video: How does the International Space Station work?](#)
- Other links:
 - https://spotthestation.nasa.gov/tracking_map.cfm
 - <http://space-start.net/en/online.html>
 - https://www.radar-tracker.com/iss_tracker/

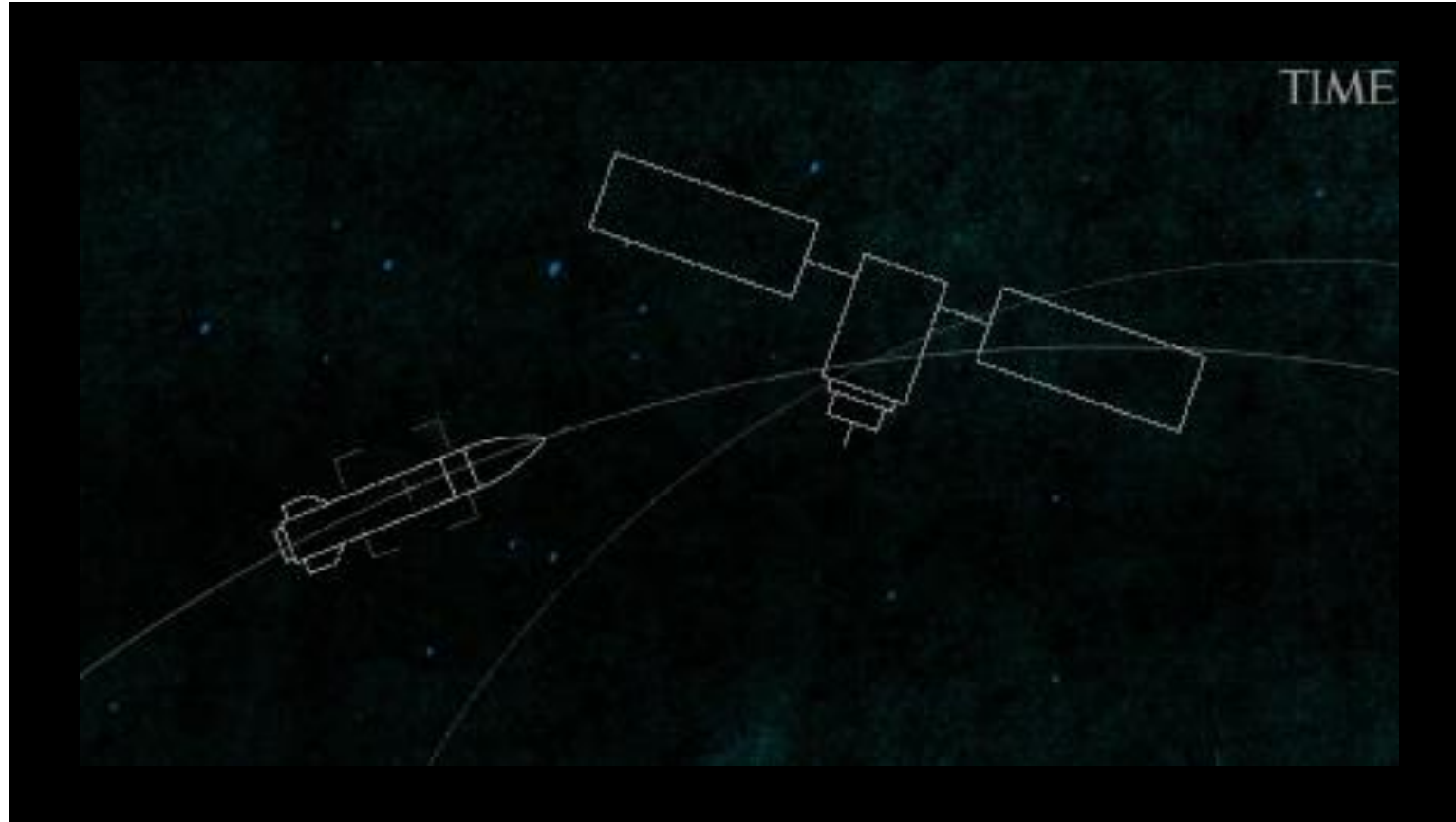
A Bridge Above: 20 Years of the International Space Station



US 'Space Force' ([source](#))

- [U.S. Space Force - The Military's Newest Branch](#)
- [US Space Force awards third contract for anti-jamming SATCOM prototypes](#)
- [U.S. Air Force - Space Force](#)
- [Space Force: What will the new military branch actually do ...](#)
- **Video:** [Space Force : Inside America's Newest Military Branch | TIME](#)

Space Force : Inside America's Newest Military Branch | TIME



Mining on the Moon (source)

- [The Lunar Gold Rush: How Moon Mining Could Work - JPL](#)
- [Lunar gold rush: can Moon mining ever take off?](#)
- [US seeks to change the rules for mining the Moon](#)
- [Mining the Moon - The Conversation](#)
- [Mining the moon ready to lift off by 2025 - MINING.COM](#)
- [Nasa is looking for private companies to help mine the moon ...](#)
- Video: [Scientist Explains How Moon Mining Would Work | WIRED](#)

Scientist Explains How Moon Mining Would Work | WIRED



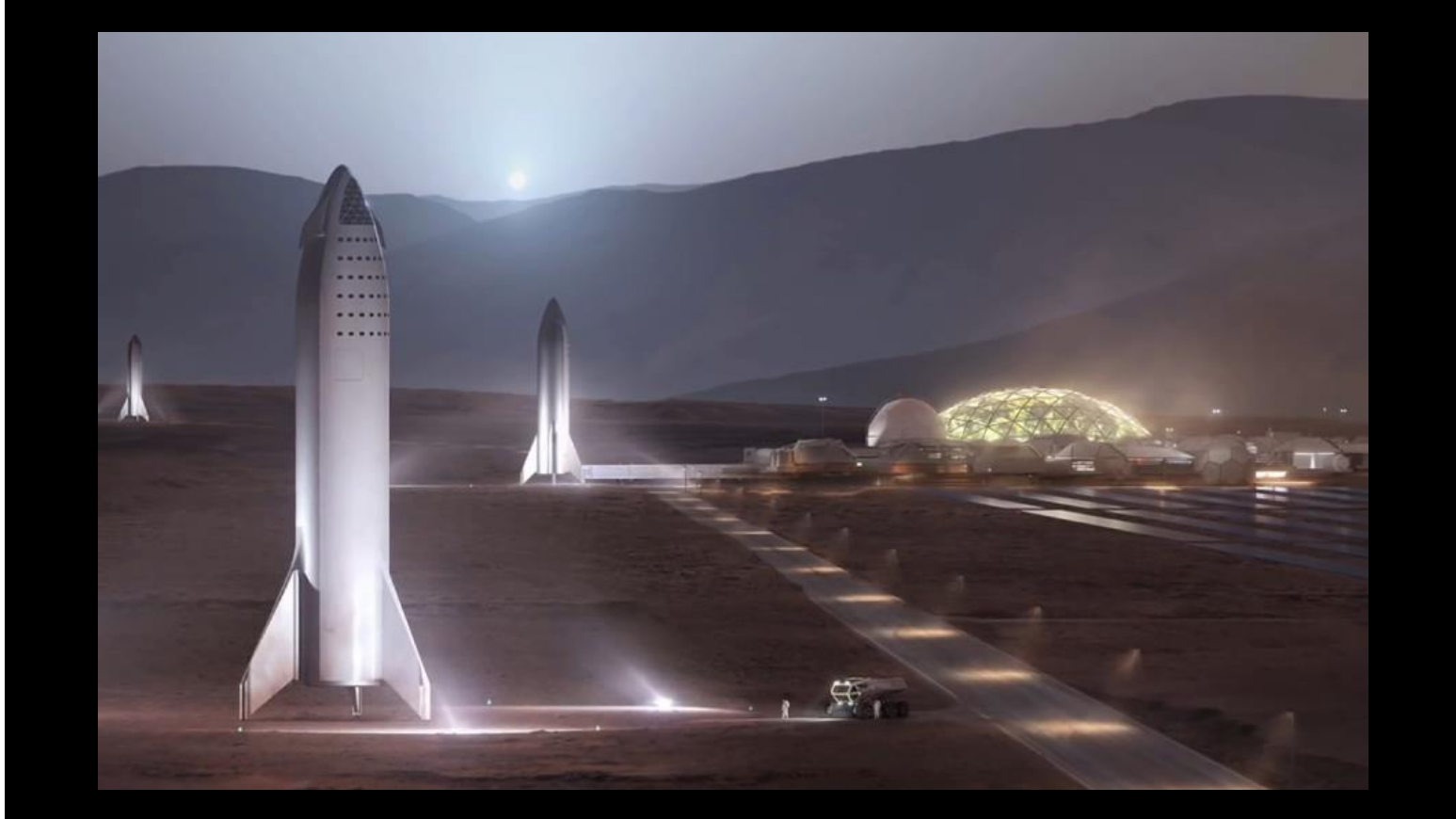
Mars Colonization (source)

- [Missions: Mars - SpaceX](#)
- [Mars One](#)
- [Colonizing Mars may require humanity to tweak its DNA | Space](#)
- [Want to Colonize Mars? Aerogel Could Help | NASA](#)
- [The Case for Colonizing Mars, by Robert Zubrin|National ...](#)
- [Elon Musk: we must colonise Mars to preserve our species in a third world war \(video\)](#)
- Video: [Elon Musk's Plan To Colonize Mars](#)
- Video: [Why Humans Will Never Colonize Mars with Gizmodo's George Dvorsky \(.pdf\)](#)

Elon Musk's Plan To Colonize Mars



Why Humans Will Never Colonize Mars



The Top 10 Countries In Space Funding (Besides USA)

