

# Mound Science and Energy Museum Association

*presents*

## **SpaceX: REVOLUTIONIZING SPACE TRANSPORTATION**

**Jerry Black**

**January 22, 2020**

**7:00 pm**

**at the Mound Cold War Discovery Center  
1075 Mound Road, Miamisburg, OH**

This talk is about SpaceX and how this company is revolutionizing the space transportation industry. SpaceX's current launch vehicles, the Falcon 9 and Falcon Heavy are the most cost-effective orbital launch vehicles in the world by far. They have captured a large share of the market for commercial and military satellites and for science missions.



SpaceX is also developing the Big Falcon Rocket (BFR), which will be the largest and most capable launch vehicle ever. The BFR will revolutionize how cargo and humans are transported to the Moon and to Mars. The first launch of the BFR is scheduled for 2020, and it might land humans on the Moon as early as 2024. Subsequently, it could land humans on Mars in the late 2020s or 2030s.

### **Speaker's Biography**

Jerry Black is a retired engineer who worked in the aerospace industry for over 40 years. He holds a Bachelor's degree in Aerospace and Mechanical Sciences from Princeton University and a Master's degree in Aerospace Engineering from the University of Michigan. He worked as a Rocket Test Engineer at Bell Aerosystems Company from 1967 to 1968. Following this he worked for 39 years as a Staff Engineer at GE Aviation. Jerry was the chair of the Ohio Chapter of the Mars Society from 2009 through 2017.

*For additional details call 937-353-4457. The presentation is free and open to the public and has ample free parking.*