

Two Planets: Challenges of Living and Prospering on Earth and Mars

Public Lecture by

Prof. Frank Shu

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University Professor Emeritus UC Berkeley and San Diego

Friday, December 15, 2017 at 5:00 pm
Homi Bhabha Auditorium, TIFR, Mumbai

Is getting to Mars and living there as feasible as portrayed by certain captains of industry and directors of science-fiction movies? In this talk, Prof. Shu will highlight the major difficulties that Mars settlers will have to overcome and argue that the same technologies that can make an inhospitable planet like Mars habitable can reverse the lasting industrial damage from modern economies that now threatens an eminently habitable planet like the Earth.



Prof. Frank Shu is renowned for his pioneering contributions to astrophysics, particularly in understanding the spiral structure of galaxies and the formation of stars and planetary systems from molecular clouds. He has been on the faculty of the SUNY, Stony Brook, and the University of California at Berkeley and San Diego. After taking up research on climate change, he has worked on and strongly advocated technologies such as the molten salt thorium reactor concept and the pyrolysis of biomass to reduce carbon emission. He is the recipient of many honors and awards, among which are the Shaw prize for Astronomy, the fellowship of the US National Academy of Sciences and the University Professorship of the University of California.

Talk is open to all. Non TIFR members are requested to carry valid photo ID card.
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