

Mirror Technology for the Terrestrial Planet Finder - Coronagraph

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Terrestrial Planet Finder (TPF) is primary NASA mission that connects directly to the President's Vision of Exploration. TPF will be able to look for other Earth-like planets in other solar systems. There are actually two different TPF missions. One is a coronagraph (TPF-C) and the other is an interferometer (TPF-I). TPF-C is scheduled to be launched in the 2015 timeframe while TPF-I is schedule for 2020. Gary Matthews will discuss the overall TPF mission and specifically talk about the TPF-C telescope technologies that will enable this mission to be successful.

Gary Matthews has been with ITT Industries Space Systems Division (formerly Eastman Kodak Commercial and Government Systems) for over 25 years. Gary was the Chief Engineer for the High Resolution Mirror Assembly for the Chandra X-ray Observatory and is now the Manager of the Earth and Space Science Business Unit. Gary has a BS in Mechanical Engineering from Penn State University and an MBA from the University of Rochester.