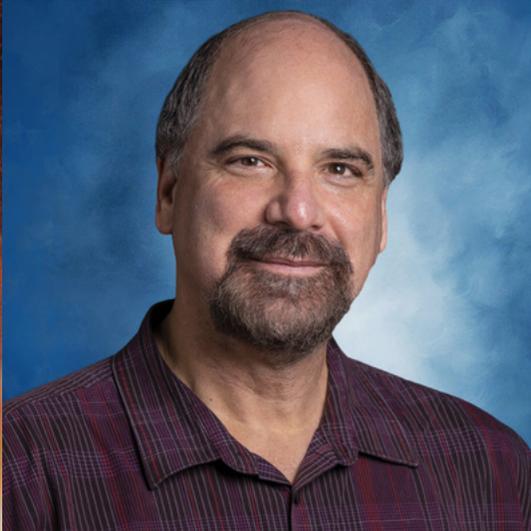


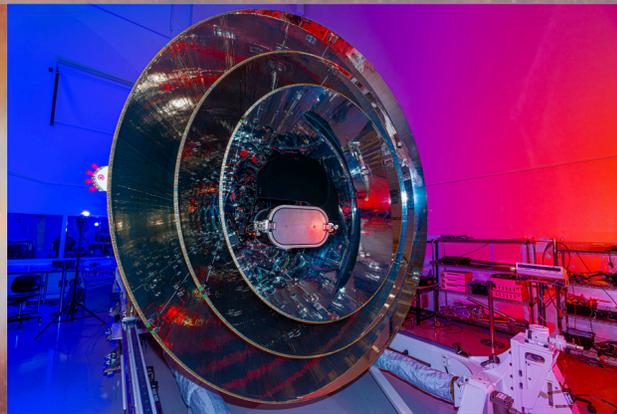
45TH ANNUAL CENTRAL PENNSYLVANIA CONSORTIUM ASTRONOMERS' MEETING

Saturday, April 18th 2026 | 9 a.m. - 4 p.m.
Masters Hall at Gettysburg College



KEYNOTE SPEAKER

Dr. Carey Lisse, *Johns Hopkins
Applied Physics Laboratory*



The SPHEREx Mission: Design and Early Results

SPHEREx (Spectro-Photometer for the History of the Universe, Epoch of Reionization and Ices Explorer) is a new NASA mission launched into low-Earth, Sun-synchronous orbit (altitude ≈ 675 km) on 11-Mar-2025 UT. Conducting a 102-band near-infrared spectro-photometric survey of the entire sky over the course of 2 years, it was designed primarily to study (1) inflationary cosmology, (2) the history of galaxy formation, and (3) the abundance of astrobiologically important molecular ices in planet-forming regions. SPHEREx will observe and catalog measurements of everything along a line of sight on the sky—from local solar system objects (asteroids, comets, planets, KBOs) to main sequence stars, to distant quasars. In this talk I will describe the SPHEREx spacecraft, mission, survey, and show some early results from SPHEREx observations of asteroids, comets, interstellar objects, and stars.



Central Pennsylvania Consortium
Dickinson College · Franklin & Marshall College · Gettysburg College

Deadline to Register is Friday, April 3rd

For more information and to register visit
<https://www.gettysburg.edu/academic-programs/physics/cpc-astronomers-meeting/>