



*Cordially invites you to our
Monthly Dinner and Lecture*

New Horizons – The Adventure to Pluto

Mark 'Indy' Kochte, Mission Analyst, John Hopkins University Applied Physics Laboratory

Wednesday, 17 February 2016

6:00 pm–8:00 pm

Presentation: Pluto has long been considered an oddball “planet” since its discovery in 1930, but over the decades we have learned much about what it is and what it isn’t. Now, after a 9½ year voyage that covered over 3 billion miles, the New Horizons spacecraft, the first manmade object from Earth to visit this little “planet,” has shown us that Pluto is SO unique and unlike anything we might have imagined since its discovery 85 years ago. What new wonders await our re-discovery? Join Mission Operations team member Mark ‘Indy’ Kochte on a journey of wonder to a place in our own solar system that the awesome Hubble Space Telescope can only barely resolve.

Speaker: Mark ‘Indy’ Kochte obtained a degree in Astronomy & Physics from the Ohio State University, and in 1988 joined the Space Telescope Science Institute prior to launch of the Hubble Space Telescope. He was instrumental in performing the data processing and archiving for Hubble. Since 2014, he supported the New Horizons mission as a Mission Analyst to take over the command sequencing of the Solar Wind Around Pluto (SWAP) plasma spectrometer and simulation runs of the spacecraft command loads.



Mr. Kochte has published a half a dozen papers on spacecraft design and mission operations, as well as co-authored a dozen additional papers on spacecraft design, mission operations, and science analysis results of early exoplanet research.



[Door Prize](#)

Delicious friendly networking buffet dinner at 6 pm: Chicken breast with mushroom marsala sauce; wild rice; steamed broccoli, served with garden salad, dressing, rolls and butter, dessert, including a small fruit plate, tea, water, coffee

Dinner Cost: Guests: **\$25**; INCOSE members: **\$20** if payment is received by February 14, 2016, **\$25** afterward. To pay by credit card or PayPal, visit our registration webpage for details: <http://www.incose-cc.org/registration/>.

Lecture ONLY free at 7pm: Parsons Auditorium or live via the web at <http://www.incose-cc.org/> or search for INCOSE.CHESAPEAKE on YouTube.

Location:

Johns Hopkins University
Applied Physics Laboratory
11100 Johns Hopkins Road
Building 1,
Parsons Auditorium
Laurel, MD 20723

Corporate Sponsor: We wish to thank the Applied Physics Laboratory for supporting the systems engineering profession through use of their facilities.