May 6, 2013

All times are EDT

10:00 - 10:10 Welcome + Introduction:
Chryssa Kouveliotou, Brad Peterson, Paul Hertz

10:10 – 10:30 The Local Universe: In pursue of Cosmic Origins
Harold Yorke; David Leisawitz

10:30 – 10:50 Advancing the technology of Interferometry: the tool for mapping New worlds
Stephen Rinehart; Kenneth Carpenter

10:50 – 11:10 Future High-Angular Resolution UV-Optical imaging capability from space
Marc Postman

11:10 – 11:30 Gas flows in Galaxies: the essential role of UV Spectroscopy
Jason Tumlinson

11:30 – 11:50 Technological Challenges for a UV-Optical Flagship mission
Dennis Ebbets

11:50 – 12:10 On the need for High-Resolution Imaging
Julianne Dalcanton

12:10 – 12:30 Public session

12:30 – 13:30 Lunch break

14:30 – 14:50 Gravitational Wave Astrophysics
Scott Hughes; John Baker; Matthew Benacquista

14:50 – 15:10 Gravitational Waves as a probe of fundamental physics
Emanuele Berti

15:10 – 15:30 Getting educators involved in real research- the NITARP model in 30 years
Luisa Rebull

15:30 – 15:50 Break

15:50 – 16:10 Advanced mirror technology development for large UVO space telescopes
Philip Stahl

16:10 – 16:30 Technology demonstration for next-generation segmented large apertures
Renaud Goullioud

16:30 – 16:50 A comprehensive map of galaxy and black hole evolution over cosmic time
Leonidas Moustakas

16:50 – 17:10 Ultraviolet observations of Active Galactic Nuclei and their environs
Gerard Kriss

17:10 – 17:30 Public Session

May 7, 2013

All times are EDT

10:00 - 10:20 Observing the entire Universe: Big Bang to Dark Sector
Jason Rhodes

10:20 – 10:40 Spectral distortions of the CMB: A new window to early Universe physics
Jens Chluba

10:40 – 11:00 Probing the dark ages and cosmic dawn
Joseph Lazio

11:00 – 11:20 Origami Nanosat Telescopes - Taking science by Swarm
Franck Marchis; Jeffery Livas

11:20 – 11:40 Education/Public Outreach and science considerations for data visualization
Robert Hurt

11:40 – 12:00 Public session

12:00 – 13:00 Lunch break

13:00 – 13:20 Unveiling the Dawn of the early Universe in X-rays
Martin Weisskopf

13:20 – 13:40 Science horizons and technology challenges beyond the Chandra X-ray Observatory
Alexey Vikhlinin

13:40– 14:00 Microwave Kinetic Inductance Detectors for UVOIR and X-ray Astrophysics
Ben Mazin

14:00 – 14:20 Distribution of matter in and around Galaxies
Norbert Schultz

14:20 – 14:40 Large-Format High resolution X-ray microcalorimeter arrays
Simon Bandler

14:40 – 15:00 Break

15:00 – 15:20 Extreme Energy Particle Astronomy – UHECRs and CRs
John Mitchell; Angela Olinto

15:20 – 15:40 Particle Acceleration and MeV astronomy – Explosion physics with Type I SNe
Eric Grove; Ron Murphy

15:40 – 16:00 Understanding Black holes with X and gamma-ray Polarimetry
Jeremy Schnittman; Mark McConnell

16:00 – 16:20 Technology needs for MeV Gamma-ray Astronomy
Mark McConnell; Tim Kallman

16:20 – 16:50 Public Session