

Early Career Focus Session

Decadal Survey on Astronomy and Astrophysics



List of Recommended White Papers to Choose from for Preparatory Reading

1. X-ray Timing of Neutron Stars, Astrophysical Probes of Extreme Physics (Science: Stars and Stellar Evolution, #2)
2. Laboratory Astrophysics and the State of Astronomy and Astrophysics (State of the Profession, #68)
3. Discovering and Characterizing the Planetary Systems of Nearby Stars (Science: Planetary Systems and Star Formation, #23)
4. Coherent Detector Arrays for Millimeter and Submillimeter Astronomy (Technology Development, #11)
5. Wide Field Imager in Space for Dark Energy and Planets (Science: Cosmology and Fundamental Physics, #37)
6. The Promise of Low-Frequency Gravitational Wave Astronomy (Science: Cosmology and Fundamental Physics, #94)
7. A Census of Exoplanets in Orbits Beyond 0.5 AU via Space-based Microlensing (Science: Planetary Systems and Star Formation, #3)
8. Fragmentation in Molecular Clouds and the Origin of the Stellar Initial Mass Function (Science: Planetary Systems and Star Formation, #6)
9. Understanding the Astrophysics of Galaxy Evolution: the role of spectroscopic surveys in the next decade (Science: Galaxies Across Cosmic Time, #32)
10. Finding and Using Electromagnetic Counterparts of Gravitational Wave Sources
11. Superconducting Detector Arrays for Far-Infrared to mm-Wave Astrophysics (Technology Development, #45)
12. Technology Development for Computational Radio Astronomy: 2010-2020 (Technology Development, #46)
13. Increasing the Number of Underrepresented Minorities in Astronomy (State of the Profession, #38)
14. Economics, University Budgets, and Astronomers (State of the Profession, #47)

Astro2010 White Papers:

Science White Papers: http://sites.nationalacademies.org/bpa/bpa_050603

State of the Profession White Papers: http://sites.nationalacademies.org/bpa/BPA_049492

Technology Development White Papers: http://sites.nationalacademies.org/bpa/bpa_049522