

Future Directions in Ultraviolet Spectroscopy

October 20-22, 2008
Annapolis, Maryland

Final Program
October 15, 2008

Sunday, October 19, 2008

17:00 – 19:00 Registration and Opening Reception

Monday, October 20, 2008

Session I, Chair and Provocateur: B. Savage

- 9:00 C. Danforth (I) Finding "Missing" Baryons in the Local Universe?
9:30 T. Tripp (I) New Results on O VI Absorbers, Warm-Hot Intergalactic Gas, and Feedback
10:00 A. Narayanan (C) Probing the WHIM Gas Through Ne VIII Absorption
10:15 Discussion

10:30 – 11:00 Coffee Break and Poster Viewing

Session II, Chair and Provocateur: C. Howk

- 11:00 R. Lallement (I) Local Interstellar Medium: New Perspectives
11:30 D. Bowen (I) The Distribution of Hot Gas in the Disk of the Milky Way
12:00 V. Dixon (C) FUSE Observations of O VI Emission from the Milky Way and Beyond
12:15 Discussion

12:30 – 13:30 Lunch and Poster Viewing

Session III, Chair and Provocateur: T. Heckman

- 13:30 A. Aloisi (I) A UV Perspective of Starburst Galaxies
14:00 G. Kriss (I) FUSE Observations of Active Galactic Nuclei and Prospects for the Future
14:30 N. Lehner (C) The Magellanic System - Accretion, Feedback
14:45 Discussion

15:00 – 15:30 Coffee Break and Poster Viewing

Session IV, Chair and Provocateur: A. Fullerton

- 15:30 R. Prinja (I) Mass Loss from Hot Stars
16:00 K. Werner (I) Abundances in Hot Evolved Stars
16:30 N. Walborn (C) Systematics of Magellanic Cloud OB Spectra from FUSE
16:45 Discussion

Invited talks (I) – 30 minutes, including discussion

Contributed talks (C) – 15 minutes, including discussion

Tuesday, October 21, 2008

Session V, Chair and Provocateur: C. Froning

- 9:00 K. Long (C) Disks, Winds, and White Dwarfs in Cataclysmic Variables
9:15 S. Engle (C) The Secret FUV/X-ray Lives of Cepheids
9:30 K. France (C) Far-UV Studies of H₂ Emission from Photodissociation Regions
9:45 V. Leboutteiller (C) Metal enrichment in the neutral gas of blue compact dwarfs
10:00 S. Mathur (C) Super-solar metallicity in AGNs measured with FUSE
10:15 Discussion

10:40 – 11:15 Coffee Break and Poster Viewing

Session VI, Chair and Provocateur: J. Linsky

- 11:15 C. Oliveira (I) D/H Observations: Present Understanding and Future Perspectives
11:45 G. Steigman (I) Tracking The Post-BBN Evolution Of Deuterium
12:15 Discussion

12:30 – 13:30 Lunch and Poster Viewing

Session VII, Chair and Provocateur: C. Grady

- 13:30 E. Guinan (I) The Sun in Time: Effects of the Young Sun's Radiation
14:00 A. Brown (I) The Ultraviolet Environment of Protoplanetary Systems
14:30 A. Gómes de Castro (C) The formation of planetary disks and winds

14:45 – 15:15 Coffee Break and Poster Viewing

- 15:15 A. Vidal-Madjar (I) Ultraviolet Studies of Extra-Solar Planets
15:45 A. Roberge (I) Gas in Protoplanetary and Debris Disks
16:15 C. Martin-Zaidi (C) H₂ in the circumstellar environments of Herbig Ae/Be stars
16:30 Discussion

18:00 - 20:00 Conference Dinner (included with registration)

W. Oegerle (I) After Dinner Remarks
Director Astrophysics Division NASA GSFC

Wednesday, October 22, 2008

Session VIII, Chair and Provocateur: J. Morse

- 9:00 M. Shull (I) The Cosmic Origins Spectrograph and the Future of UV Astronomy
9:30 C. Martin (I) The Galaxy Evolution Explorer: Results and Future Implications
10:00 S. McCandliss (C) Essential observations of the Lyman continuum

10:15 – 10:45 Coffee Break and Poster Viewing

- 10:45 K. Werner (C) WSO/UV - Ultraviolet mission for the next decade
11:00 J. Green (I) Future Ultraviolet Observatories
11:30 M. Postman (I) Future of UV Astronomy
12:00 Discussion

12:30 Lunch

14:00 End of Conference