



Monday, May 28th

09:00	Introductory talk to the Workshop by the UCM Director of Research
	Science Session 1 UV surveys, the UV background and the Intergalactic Medium Chair: Angeles Diaz
09:30	<i>"The Ultraviolet Sky Surveys: Filling the Crucial Gap in our View of the Universe"</i> Luciana Bianchi
10:10	<i>"The UV background"</i> Jayant Murthy
10:50	COFFEE BREAK AND POSTERS SESSION
11:30	<i>"High Ions in Damped Lyman Alpha Systems"</i> Andrew Fox
11:45	<i>"High Velocity Clouds: Galactic Fuel or Galactic Waste?"</i> Brad Gibson
12:05	<i>"Metal-Line System Survey: characterizing the Low-Redshift Intergalactic Medium"</i> Kathy Cooksey
12:25	<i>"Local Lyman Alpha Emitters Studies and their Relevance to High Redshift Ones"</i> Miguel Mas-Hesse
12:45	<i>"Reionization of the Universe: Character and Observability"</i> Ilian Iliev
13:00	LUNCH
	Instrumentation Session 1 Measuring dark energy in the Universe, Supernovae Conductor: Antonio Dobado
15:15	Introductory talk by the conductor
15:30	<i>"Observing Dark Energy with the next generation of galactic surveys"</i> Ofer Lahav
16:10	<i>"Supernovae in the ultraviolet"</i> Pilar Ruiz Lapuente
16:45	<i>"UltraViolet SN observations with SWIFT"</i> Milena Bufano
17:00	COFFEE BREAK AND POSTERS SESSION
17:30	<i>"An update and the limitations to COS"</i> Cynthia Froening
18:10	<i>"The WSO/UV project-main characteristics"</i> Boris Shustov
18:25	<i>"The expected performance of WSO/HIRDES"</i> Norbert Kappelmann
18:45	<i>"Current and future capabilities of MCP based ultraviolet detector"</i> John Vallerga
19:00	Summary of the session by the conductor and discussion



Tuesday May 29th

	Science Session 2 Star Formation and Chemical Evolution Chair: Michel Dennefeld (TBC)
09:00	<i>"The mid-UV morphology of stars and old stellar populations"</i> Miguel Chávez
09:30	<i>"The star formation history of early type galaxies"</i> Alessandro Bressan
10:00	<i>"Two dimensional properties of nearby galaxies"</i> Fuzhen Cheng
10:15	<i>"An attempt to reconstruct the galactic chemical evolution"</i> Yulia Milanova
10:30	<i>"Young circumnuclear disks in elliptical galaxies"</i> Olga Silchenko
10:45	COFFEE BREAK AND POSTERS SESSION
	Science Session 3 AGNs and galactic magnetic fields Chair: Luis Colina
11:30	<i>"Active Galactic Nuclei in the Ultraviolet"</i> Bradley Peterson
12:10	<i>"The starburst-AGN connection: the role of stellar clusters in AGNs"</i> Rosa Gonzalez Delgado
12:30	<i>"Galactic Dynamo and Galactic Winds"</i> Rainer Beck
13:10	LUNCH
	Instrumentation Session 2 The magnetic stability of astronomical objects: disks and atmospheres Conductor: Ana I. Gómez de Castro
15:00	Introductory talk by the conductor
15:15	<i>"Limitations of the numerical simulations of magnetized accretion disks"</i> John Hawley
16:00	<i>"Study of general relativistic effects in accretion disks through spectroscopy of the Fe K alpha line"</i> Matteo Guainazzi
16:30	<i>"The unstable magnetic quiet Sun: physical mechanisms and UV signature"</i> Jorge Sánchez-Almeida
17:00	COFFEE BREAK AND POSTERS SESSION
17:30	<i>"Magnetic activity optimal tracers: from radio to X-ray: the relevance of UV astronomy"</i> Isabella Pagano
18:00	<i>"The Stellar Imager project"</i> Ken Carpenter
18:30	<i>"The Fresnel interferometric imager: applications in the UV domain"</i> Denis Serre, Laurent Koechlin, Paul Deba
19:00	Summary of the session by the conductor and discussion



Wednesday May 30th

**Science Session 4
Disk-Halo Interaction
Chair: Benjamin Montesinos**

09:00	<i>"Galactic Fountain and Disk Halo Interaction"</i> Miguel de Avillez
09:40	<i>"On the prospects of UV Observatories for Studies of Galaxies-IGM mass exchange"</i> Boris Shustov
10:00	<i>"OVI in the Local Interstellar Medium"</i> Martin Barstow
10:20	<i>"Solving the Misteries of the Interstellar Medium with High Resolution UV Spectroscopy"</i> Jeff Linsky
10:40	COFFEE BREAK AND POSTERS SESSION

**Science Session 5
From the ISM to stars and from Stars to planets
Chair: Alfred Vidal-Madjar**

11:30	<i>"The formation of planetary systems: a UV view"</i> Ana I. Gomez de Castro
12:10	<i>"Astrochemistry in strong UV fields"</i> Jose Cernicharo
12:50	<i>"Characteristics of extrasolar planets and their detectability"</i> Roger Ferlet
13:30	LUNCH
	Free afternoon. Visit to El Escorial and Conference Dinner

Thursday, May 31st

**Science Session 6
Outflows and disks across the HR diagram - I. Interacting Binaries
Chair: Klaus Werner**

09:00	<i>"Interacting Binaries"</i> Domitilla de Martino
09:40	<i>"Colliding winds in symbiotics"</i> Elena Kilpio
10:00	<i>"Line identification techniques in the FUV - Heavy element absorption patterns in 100 white dwarfs"</i> David Boyce
10:20	<i>"Very peculiar wind from BD+53 2790, the optical counterpart to 4U 2206+54"</i> Pere Blay
10:40	COFFEE BREAK AND POSTERS SESSION

**Science Session 7
Outflows and disks across the HR diagram - II. Massive stars
Chair: Xiaowei Liu**

11:30	<i>"Outflows from massive stars"</i> Artemio Herrero
12:10	<i>"AGB star intershell abundances inferred from UV spectra of extremely hot post-AGB stars"</i> Klaus Werner
12:40	LUNCH



Instrumentation Session 3 Instrumentation for Ultraviolet Astronomy Conductor: Noah Brosch	
15:00	Introductory Talk by the Conductor
15:15	<i>"Exotic Telescopes"</i> Noah Brosch
16:00	<i>"WSO: The Field Camera Unit for WSO/UV"</i> Emanuele Pace
16:15	<i>"High accuracy photometry and astrometry: from HST to WSO"</i> Giampaolo Piotto
16:30	<i>"WSO: LSS - design, performance and scientific objectives"</i> Liu Xiao Wei
16:45	COFFEE BREAK AND POSTERS SESSION
17:30	<i>"The Optical and UV Monitor on board XMM-Newton"</i> Antonio Talavera
17:50	<i>"The Swift UV/Optical Telescope"</i> Pete Roming
18:10	Summary of the Session by the Conductor and Discussion
Friday, June 1st	
Special Instrumentation Session 4 Getting into the extreme UV Chair: John Davies	
09:00	<i>"CCD cameras and Spacewire interfaces for HERSCHEL/SCORE suborbital mission"</i> Alessandro Gherardi
09:30	<i>"Novel narrow filters for imaging in the 50-150nm VUV range"</i> Monica Fernandez Perea
10:00	<i>"The Stellar And Galactic Environment Survey (SAGE) project"</i> Martin Barstow
10:30	CONFERENCE SUMMARY by Jeff Linsky
11:15	CONFERENCE CLOSES