

**Schedule of Events**  
**201st Meeting of the American Astronomical Society**  
**5-9 January 2003 -- Seattle, WA**

**SUNDAY, 5 January**

Washington State Convention and Trade Center, 800 Convention Place, Seattle, WA 98101

Room	Douglas Sheraton	Aspen Sheraton	Cedar Sheraton	East Room Sheraton	620	Lobby
9:00	Job Hunting, An Introduction (AAS Career Workshop)		NURO 9:00am-1:00pm			
9:30	9:00am-noon and 1:00-4:00pm	Teaching with Tutorials for Introductory Astronomy 9:30am - noon				
12:00						
1:00	Job Hunting, Continues					
2:00		Teaching Astronomy for the First Time: A Teaching Excellence Workshop for Graduate Students and Post-Docs 2:00-5:00pm	Astro 101: A Continuing Dialogue 2:30-5:30pm	<b>Special 1 HAD</b> I: Special Topics in the History of Astronomy 2:00-6:00pm	Speaker Ready Room 2:00-6:00pm Drop-off Zip-disk or CD for talks using LCD Projector /Computer	Registration 2:00-9:00pm <b>East Lobby</b> 6th Floor
2:30						
4:00						
5:00						
5:30						
6:00						Undergraduate Reception 6:00-7:00pm <b>West Lobby</b> 6th Floor
7:00						Opening Reception 7:00-10:00pm <b>South Lobby</b> 4th Floor
9:00						
10:00						
Room	Douglas Sheraton	Aspen Sheraton	Cedar Sheraton	East Room Sheraton	620	Lobby

<b>MONDAY, 6 January</b>										
Invited Talks are in Room 6AB, Poster Sessions in Exhibit Hall 4AB										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	
7:30	Registration 7:30am-5:00pm East Lobby, 6th Floor									
	Speaker Ready Room, 7:30am-5:00pm, Room 620, Drop-off Zip-disk or CD for talks using LCD Projector/Computer									
8:10	Welcoming Address Monday, 8:10-8:30am, 6AB, Craig J. Hogan, U. Washington; Rachel Webster, IAU									
8:30	<b>Invited Session 2</b> Well Defined Areas of Doubt and Uncertainty in M Dwarf Astrophysics S. L. Hawley (University of Washington), 8:30-9:20am, 6AB									
9:20	<b>Coffee Break, Exhibits and Poster Sessions, Exhibit Hall AB 4th Floor</b> 3 Mass, Temperature & Cooling Flows in Clusters 4 Eclipsing & Spectroscopic Binaries 5 Galaxy Clusters & Cosmology 6 GOODS & HEROs 7 Globular Clusters & Contents 8 Catalogs & Databases 9 Virtual Obs. & Online Resources 10 Telescopes & Obs. for Ed. & Outreach 11 Seyfert Galaxies & AGNs 12 Activity in Cool Stars 13 Galaxy - Structure 14 Galaxy - Contents 15 Black Holes Observed & Modeled 16 Stars in SDSS 17 Stellar Evolution & Metal-Poor Stars 18 Instru. for Infrared & Optical Observing 19 Interferometer 20 Star Formation I 21 Planetary Systems: Instru. & Surveys								Exhibits and Poster Sessions 3-21	Job Center 9:20am - 5:00pm
10:00	<b>Special 22</b> Highly Structured Outflows from Post MS-Stars	<b>23</b> Cosmology: The Fundamental Parameter	<b>24</b> Planetary Systems I	<b>25</b> Circumstellar Material and Mass Loss	<b>26</b> Galaxy Structure and Interactions	<b>27</b> Stars, Gas, and Dust in the Milky Way	<b>28</b> Astronomy Education and Public Outreach	<b>Special 29</b> HAD II: History of IDEAS on Extra-terrestrial Life		
11:30	Break 11:30-11:40am									
11:40	<b>Invited Session 30</b> Public Policy: A Canadian Vision of International Astronomy and Astrophysics, Dr. Arthur Carty (Nat'l Research Council of Canada), 11:40am-12:30pm, 6AB									
12:30	Lunch Break 12:30-2:00pm									
1:00				NSF Town Meeting, 1-2pm				HAD Business Meeting, 1-2pm		
2:00	<b>31</b> The Galactic Center and Its Environs	<b>32</b> Galaxy Evolution and Surveys: "Far Away"	<b>33</b> Stars Dead or Alive	<b>34</b> ISM: Dust and Molecular Clouds	<b>Special 35</b> Undergraduate Research	<b>Special 36</b> Committee on the Status of Minorities in Astronomy	<b>37</b> HAD III: Biography of 19th and 20th Century Astronomers		Exhibits and Poster Sessions Cont'd	Job Center Continues
3:30	Break 3:30-3:40pm									
3:40	<b>Invited Session 38</b> Solar Systems: Ours and Theirs Catching Stardust and Bringing it Home: The Astronomical Importance of Sample Return, D. Brownlee (U. Washington) Characterizing Extrasolar Planets, S. Seager (Carnegie Institution of Washington)									
5:10	Cocktails 5:10-6:30pm Exhibits and Poster Sessions									
6:30	Experience Music Project Reception 6:00-11:00pm, 325 5th Ave., N. (Transportation is not provided. Monorail runs to museum from West Lake Center, 3 blocks from Convention Center. Monorail normally closes at 11:00pm, an extension to 11:30 is being negotiated, check the Program Update.)									
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	

<b>TUESDAY, 7 January</b>										
Invited Talks are in Room 6AB, Poster Sessions in Exhibit Hall 4AB										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	Exhibit Hall		
7:30	Speaker Ready Room, 7:30am-5:00pm, Room 620, Drop-off Zip-disk or CD for talks using LCD Projector/Computer									
8:00	Registration 8:00am-5:00pm East Lobby, 6th Floor									
8:30	<b>Invited Session 39</b> Warner Prize Lecture: Seeking Higher-redshift Supernovae, Searching for the Epoch of Deceleration, A. G. Riess (STScI)									
9:20	<b>Coffee Break, Exhibits and Poster Sessions, Exhibit Hall AB 4th Floor</b> <b>40</b> Normal & Dwarf Novae <b>41</b> ACS, FAME, FUSE, SIM, & Swift <b>42</b> Galaxies & Clusters <b>43</b> Forming & Probing Large Scale Structure <b>44</b> Galactic Open Clusters & Their Contents <b>45</b> Solar System <b>46</b> Planetary Systems: Observations & Models <b>47</b> Interstellar Medium I <b>48</b> Blazars & AGNs <b>49</b> Eta Carinae, LBVs, & Circumstellar Disks <b>50</b> The Milky Way: From Center to Halo <b>51</b> Galaxy Evolution & Surveys: Modeling & Theory <b>52</b> Galaxy Evolution & Surveys: Observations & Interpretation <b>53</b> K-12 Astronomy Education & Public Outreach <b>54</b> Compact X-Ray Sources <b>55</b> Instrumental Calibration & Data Analysis Techniques <b>56</b> SN Potpourri							Exhibits and Poster Sessions 40-56	Job Center 9:20am - 5:00pm	
10:00	<b>57</b> Stellar Black Holes	<b>58</b> Clusters of Galaxies at Many Wave-lengths	<b>59</b> Structure in and at Clusters of Galaxies	<b>60</b> Star Formation I	<b>61</b> Pluto-Occultation Studies	<b>Special 62</b> Biology of Astro-biology for Astronomers I	<b>Special 63</b> "Model Free Deconvolution" via Multiscale Methods			
11:30	Break 11:30-11:40am									
11:40	<b>Invited Session 64</b> Russell Prize Lecture: The Origin and Composition of the Galactic Halo G. Wallerstein (University of Washington), 11:40am-12:30pm, 6AB									
12:30	Lunch Break 12:30-2:00pm									
1:00			NOAO Town Meeting, 1-2pm	NGST Town Meeting, 1-2pm						
2:00	<b>65</b> Stars and Galactic Structure in the Sloan Digital Sky Survey	<b>66</b> Star Formation II	<b>67</b> Cosmic Gas: Long Ago and Far Away	<b>68</b> Structure of Galaxies with Central Masses	<b>69</b> Gamma Ray Observations	<b>Special 70</b> Biology of Astro-biology for Astronomers II	<b>71</b> High Energy Astro and Neutron Stars		Exhibits and Poster Sessions Cont'd	Job Center Continues
3:30	Break 3:30-3:40pm									
3:40	<b>Invited Session 72</b> Physical Worlds, Biological Worlds, and Virtual Worlds, 3:40-5:10pm, 6AB Astrobiology and the Biological Universe, S. J. Dick (USNO) Teaching in the Age of Electrons, C. D. Impey (University of Arizona)									
5:10	Cocktails 5:10-6:30pm Exhibits and Poster Sessions									
6:30	Graduate Student Reception, 6:30-7:30pm, Room 612									
	Online Journey Through Astronomy course, 6:30-7:30pm, Room 605									
7:30	Terrestrial Planet Finder: The Next Steps, 7:30-9:30pm, Room 602-604									
8:00	Public Lecture and AAS Second Century Lecture: "Hubble Space Telescope: Glimpsing the Birth of the Universe," Prof. Bruce Margon (STScI), 8:00pm, Kane 130 (U. Washington)									
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	Exhibit Hall		

<b>WEDNESDAY, 8 January</b>										
Invited Talks are in Room 6AB, Poster Sessions in Exhibit Hall AB										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	
7:30	Speaker Ready Room, 7:30am-5:00pm, Room, Drop-off Zip-disk or CD for talks using LCD Projector/Computer									
8:00	Registration 8:00am-5:00pm East Lobby									
8:30	<b>Invited Session 73</b> Rossi Prize Lecture: Examples of Significant Chandra Imaging Observations L.P. VanSpeybroeck (Harvard-Smithsonian Center for Astrophysics), 8:30-9:20am, 6AB									
9:20	<b>Coffee Break, Exhibits and Poster Sessions, Exhibit Hall AB 4th Floor</b> <b>74</b> Stars: Observational Programs <b>75</b> Binaries & Friends <b>76</b> Astronomers & Their Tools <b>77</b> Interstellar Medium II <b>78</b> NOAO Survey Programs <b>79</b> Intergalactic Material: Its Structure & Composition <b>80</b> Gravitational Lenses <b>81</b> Extragalactic Star Clusters <b>82</b> Future Missions: Radio to X-Ray <b>83</b> Solar Activity <b>84</b> Gamma Ray Observations <b>85</b> X-Rays <b>86</b> Radio Galaxies & Jets <b>87</b> Radio & X-Ray SNRs <b>88</b> Undergrad. Astronomy Instruction, Labs & Research <b>89</b> Planetary Nebulae & Dusty Clouds <b>90</b> HST Instruments <b>91</b> Computational Techniques & Tools <b>92</b> SNAP Observatory <b>93</b> Star Formation II								Exhibits and Poster Sessions 74-93	Job Center 9:20am - 5:00pm
10:00	<b>Special 94</b> HEAD I: Cosmic Ray Physics in the 21st Century	<b>Special 95</b> How NSF Works	<b>96</b> Planetary Systems II	<b>97</b> Probing Dark Energy with SNAP	<b>98</b> AGNs, Black Holes, and Quasars	<b>99</b> SN, SNRs, and Our Atmosphere	<b>100</b> Galaxy Evolution and Surveys: Misc.	<b>101</b> Cosmology and Gravitation		
11:30	Break 11:30-11:40am									
11:40	<b>Invited Session 102</b> Pierce Prize Lecture: Supermassive Black Holes in the Distant Universe, A. J. Barger (U. Wisconsin and U. Hawaii), 11:40am-12:30pm, 6AB									
12:30	Lunch Break 12:30-2:00pm									
1:00	HEAD Business Meeting, 1-2pm		NASA Town Meeting, 1-2pm							
2:00	<b>Special 103</b> HEAD II: New Directions in X-Ray Astronomy	<b>Special 104</b> NOAO Survey Programs	<b>105</b> Mapping the Cosmos: A Variety of Surveys	<b>Special 106</b> Alternative Careers for Astronomers	<b>107</b> AGN	<b>108</b> Old Stellar Populations	<b>109</b> Fine Structure in Galaxies			
3:30	Break 3:30-3:40pm									
3:40	<b>Invited Session 110</b> Unraveling the Physics of Cataclysmic Variables and Accretion Disks Cataclysmic Variables: New Insights from HST, FUSE, Chandra, SDSS, P. Szkody (UW) Making Magnetic Fields: the Right Way to Twist a Flux Tube, E.T. Vishniac (JHU) 3:40-5:10pm, 6AB									
5:10	Cocktails 5:10-6:30pm Exhibits and Poster Sessions									
6:30										
7:15	<b>Society Banquet</b> 7:15 - 9:30pm, Grand Ballroom AB (Sheraton)									
9:30										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	

<b>THURSDAY, 9 January</b>										
Invited Talks are in Room 6AB, Poster Sessions in Exhibit Hall 4AB										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	
7:30	Speaker Ready Room, 7:30am-2:00pm, Room 620, No drop-offs on Thursday									
8:00	Registration 8:00am-12:00noon East Lobby									
8:30	<b>Invited Session 111</b> Super Machos and Supernovae: Astrophysics in the Time Domain C. Stubbs (U. Washington), 8:30-9:20am, 6AB									
9:20	<b>Coffee Break, Exhibits and Poster Sessions, Exhibit Hall AB 4th Floor</b> <b>112</b> The ISM: Clouds and Regions <b>113</b> Massive Star Winds and Atmospheres <b>114</b> Quasars <b>115</b> Cool Star Atmospheres and Envelopes <b>116</b> Galaxies - Activating <b>117</b> Delta Scuti and Pulsating Friends <b>118</b> Rotation-Powered Pulsars <b>119</b> White Dwarfs <b>120</b> Cataclysmic Variables <b>121</b> From Microns to Meters: Radio Wavelength Miscellany <b>122</b> Instruments for Observing Transient Events <b>123</b> Supernovae and Other Distance Indicators <b>124</b> WIYN Open Cluster Study								Exhibits and Poster Sessions 112-124	Job Center 9:20am-12:00noon
10:00	<b>125</b> Quasars	<b>Special 126</b> SNAP	<b>127</b> Interstellar Medium: Hot and Cold	<b>128</b> Galaxy Evolution and Surveys "Nearby"	<b>129</b> LMXB's and Transient Sky	<b>130</b> The Sun and Solar System Studies	<b>131</b> Astronomical Instrumentation and Data Handling	<b>Special 132</b> Innovations in Graduate Education in Astronomy		
11:30	Break 11:30-11:40am									
11:40	<b>Invited Session 133</b> Stars, Gas, and Dust in the Universe, D. Calzetti (Space Telescope Science Institute), 11:40am-12:30pm, 6AB									
12:30	Lunch Break 12:30-2:00pm									
1:00				CSWA Meeting, 1-2pm				SOFIA Town Meeting, 1-2pm		
2:00	<b>134</b> LSST	<b>Special 135</b> How to Write Winning E/PO Proposals for NASA Space Science Research	<b>136</b> Star Formation Young Stars	<b>137</b> DEEP2 Survey	<b>138</b> X-Ray Observations of Quasars and AGNs	<b>139</b> Pulsars: Blowing in the Wind	<b>140</b> Cosmology: CMB and Reionization	Exhibits and Posters		
3:30										
4:00										
Room	6AB	608-609	606-607	602-604	616-617	618-619	613-614	612	Exhibit Hall	