

# 40th Annual Meeting of the AAS Division for Planetary Sciences

10-15 October 2008 - Ithaca, New York, Statler Hotel, 130 Statler Drive, Ithaca, NY 14853

Friday, 10 October	Saturday, 11 October	Sunday, 12 October	Monday, 13 October	Tuesday, 14 October	Wednesday, 15 October	
	8:00 Registration Park Atrium, Statler Hotel 8 am-4 pm				Registration 8 am-noon	
	8:30-10:00 <b>1</b> Exoplanets I Statler Auditorium <b>2</b> Comets I Statler Ballroom <b>3</b> Mars: Surface Uris Hall	<b>20</b> Titan: Upper Atmosphere Statler Auditorium <b>21</b> Planetary Rings: Theory Statler Ballroom <b>22</b> MB Asteroids & Trojans Uris Hall	<b>DPS Members Meeting</b> Statler Auditorium	<b>50</b> Outer Planets II Statler Auditorium <b>51</b> Mercury Statler Ballroom <b>52</b> Asteroid Discovery & Orbits Uris Hall	<b>59</b> Galilean Satellites Statler Auditorium <b>60</b> Asteroid Composition Statler Ballroom	
	10:00-10:30 Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
	10:30-12:00 <b>4</b> Exoplanets II Statler Auditorium <b>5</b> Comets II Statler Ballroom <b>6</b> Mars: Atmosphere Uris Hall	<b>23</b> Titan: Lower Atmosphere Statler Auditorium <b>24</b> Planetary Rings: Physical Statler Ballroom <b>25</b> Near Earth Asteroids Uris Hall	<b>34</b> Titan: Subsurface Statler Auditorium <b>35</b> Outer Planets I Statler Ballroom <b>36</b> Icy Dwarf Planets Uris Hall	<b>53</b> Outer Planets III Statler Auditorium <b>54</b> Laboratory Research Statler Ballroom <b>55</b> Asteroid Evolution Uris Hall	<b>61</b> Saturnian Satellites Statler Auditorium <b>62</b> Venus Statler Ballroom	
	12:00-1:30 Lunch Meet the IAU Yale/Princeton Rooms	Lunch NSF Town Hall Yale/Princeton Rooms	Lunch DPS Women Yale/Princeton Rooms	Lunch Green Conferencing Yale/Princeton Rooms		
	1:30-2:30 <b>7 Special Session</b> Dynamical Classification of Planetary Bodies Statler Auditorium	<b>26 Prize Lectures</b> Kuiper Prize: Michael F. A'Hearn Masursky Award: Jon D. Giorgini Statler Auditorium 2-3:30 pm	<b>37 Special Session</b> Exoplanets Statler Auditorium	<b>56 Special Session</b> Mission Highlights Statler Auditorium	All talks in any given session are of the same length. Contributed talks are 10 minutes, special session talks are 20 minutes.	
	2:30-3:30 <b>8</b> Enceladus Statler Auditorium <b>9</b> Moon Uris Hall		<b>38</b> Trans-Neptunian Objects and Centaurs Uris Hall			
Registration Opens Park Atrium, Statler Hotel 3:30-8 pm	3:30-6:00 Poster Sessions <b>10</b> History <b>11</b> Extrasolar Planets <b>12</b> Solar System Origin <b>13</b> Moon <b>14</b> Mars: Atmosphere <b>15</b> Mars: Surface <b>16</b> Comets <b>17</b> Enceladus <b>18</b> Education <b>19</b> Other Dynamics	<b>27</b> Asteroids: Discovery <b>28</b> Asteroids: Physical <b>29</b> Planetary Rings: Physical <b>30</b> Planetary Rings: Theory <b>31</b> Titan <b>32</b> Missions & Instruments <b>33</b> Meteoroids & Meteorites	<b>39</b> Mercury <b>40</b> Venus <b>41</b> Jovian Planets: Atm. <b>42</b> Jovian Planets: Chem. <b>43</b> Jovian Planets: Magn. <b>44</b> Galilean Satellites <b>45</b> Saturnian Satellites <b>46</b> Other Satellite Systems <b>47</b> Trans-Neptunian Objects <b>48</b> Icy Dwarf Planets <b>49</b> Laboratory Research	Coffee Break		Posters are displayed in Barton Hall Saturday- Tuesday and highlighted in three evening sessions. Round-robin tours begin at 4 pm.
		Public Concert Cornell Bailey Hall 8-10 pm	Public Lecture Cornell Bailey Hall 7:30-9:30 pm	DPS Banquet Museum of the Earth 6:30-10:30 pm		
Opening Reception Baum Atrium in Duffield Hall 6-10 pm				<b>57 Special Session</b> New Directions in Lunar Science Statler Auditorium 4-6 pm <b>58</b> Solar System Origin, Planet and Satellite Formation Uris Hall 4-6 pm		For a complete workshop schedule, see next page.

## 40th DPS Meeting - Workshop Schedule

DAY	DATE	TIME	TITLE	ROOM	FIRST NAME	LAST NAME	EMAIL	STATUS	BRIEF DESCRIPTION
Fri-Wed	10-Oct to 15-Oct	7am-7pm	<b>Speaker Ready Room</b>	Dartmouth	Hunter	Gray	hgray@showmaestro.com	Open to all	Speakers please submit your talks and check readiness with our AV experts.
Fri	10-Oct	9am-5pm	<b>Observing with the James Webb Space Telescope</b>	Amphitheatre	Jonathan	Lunine	jlunine@lpl.arizona.edu, hbh@alum.mit.edu	Open to all	Observing Planets (Wherever They May Be) with the James Webb Space Telescope.
Fri	10-Oct	9am-5pm	<b>Icarus Editors</b>	Harvard	Phil	Nicholson	nicholson@astro.cornell.edu	Invitation only	Icarus Editors meeting
Fri	10-Oct	9am-5pm	<b>NASA Proposal Workshop</b>	Taylor	Curt	Niebur	curt.niebur@nasa.gov	Open to all, Registration required	How to write a NASA research proposal.
Fri	10-Oct	10am-6pm	<b>Planetary System Nomenclature</b>	Pennsylvania	Rita	Schulz	rschulz@rssd.esa.int	Invitation only	Matters that need to be clarified before IAU 2009 General Assembly.
Fri	10-Oct	2:30-4:00pm	<b>Small Bodies Advisory Group</b>	Rowe	Faith	Vilas	fvilas@mmt.org	Open to all	Review of inaugural SBAG meeting and request for community input.
Sat	11-Oct	10am-1pm	<b>Planetary System Nomenclature</b>	Pennsylvania	Rita	Schulz	rschulz@rssd.esa.int	Invitation only	Matters that need to be clarified before IAU 2009 General Assembly.
Sat	11-Oct	12-1:30pm	<b>Meet the IAU</b>	Yale-Princeton	Regis	Courtin	Regis.Courtin@obspm.fr	Open to all	Officers will promote participation in the activities of the IAU.
Sat	11-Oct	3pm-10pm	<b>DPS Committee</b>	Rowe	Rick	Binzel	rpb@mit.edu	Invitation only	Annual DPS Conference Committee meeting.
Sat	11-Oct	5:00-6:30pm	<b>Small Radioisotope Power Systems</b>	Pennsylvania	Jackie	Green	jrgreen@jpl.nasa.gov	Open to all	NASA is considering developing new RPS's that could enhance or enable smaller missions. Community input solicited.
Sat-Wed	11-Oct to 15-Oct	7am-9pm	<b>Press Room</b>	Columbia	Sanjay	Limaye	sanjay.limaye@ssec.wisc.edu	Registration required	For members of the Press.
Sat-Wed	11-Oct to 15-Oct	7am-9am	<b>Breakfast with the DPS Chair</b>	Taylor B	Rick	Binzel	rpb@mit.edu	Registration required	For students: meet the DPS chair and learn the ropes!
Sat-Wed	11-Oct to 15-Oct	7:30am-8:30am	<b>Breakfast for Session Chairs</b>	Taylor A	Jean-Luc	Margot	jlm@astro.cornell.edu	Invitation only	Oral session chairs get organized: AV, schedule, program changes.
Sat-Wed	11-Oct to 15-Oct	12-1:30pm	<b>Press Briefings</b>	Amphitheatre	Sanjay	Limaye	sanjay.limaye@ssec.wisc.edu	Invitation only	For members of the Press.
Sun	12-Oct	12-1:30pm	<b>NSF Town Hall</b>	Yale-Princeton	Vernon	Pankonin	vpankoni@nsf.gov	Open to all	Issues of importance to the National Science Foundation, and you.
Sun	12-Oct	12-1:30pm	<b>PDS Ring Node</b>	Harvard	Mitch	Gordon	mgordon@seti.org	Invitation only	Planetary Data System Rings Node Advisory Council
Sun	12-Oct	12-1:30pm	<b>Venus Science and Technology Definition</b>	Pennsylvania	Mark	Bullock	bullock@boulder.swri.edu	Open to all	Venus Science and Technology Definition Team
Sun	12-Oct	5pm-6:30pm	<b>Frost-Transport Models: Pluto &amp; Triton</b>	Pennsylvania	John	Stansberry	stansber@as.arizona.edu	Open to all	Discussion of physical processes in frost transport models. Also: observables and lab data.
Sun	12-Oct	5pm-6:30pm	<b>The Next Decadal Study for Planetary Science</b>	Auditorium	Joe	Veverka	veverka@astro.cornell.edu	Open to all	Soliciting ideas and suggestions for next National Research Council Decadal Study.
Sun	12-Oct	6pm-9pm	<b>Icarus Board Meeting</b>	Harvard	Phil	Nicholson	nicholson@astro.cornell.edu	Invitation only	Icarus Editors meeting
Mon	13-Oct	12-1:30pm	<b>DPS Women's Lunch</b>	Yale-Princeton	Amy	Simon-Miller	Amy.Simon@nasa.gov	Open to all, Registration Required	"Gender-Based Differences in Communication," featuring guest speaker Prof. Mary Munter from Dartmouth.
Mon	13-Oct	5pm-6:30pm	<b>Observing with SOFIA</b>	Taylor A/B	Dana	Backman	dbackman@sofia.usra.edu	Open to all	Informational
Tues	14-Oct	12-1:30pm	<b>Green Conferencing at the DPS - Open Discussion</b>	Yale-Princeton	Beth	Clark	bclark@ithaca.edu, spencer@boulder.swri.edu	Open to all	How can we, the DPS, effectively "green" our meetings? Come and help us form a plan for future meetings.
Tues	14-Oct	12-2:30pm	<b>International Outer Planet Watch</b>	Pennsylvania	Agustin	Sanchez-Lavega	agustin.sanchez@ehu.es	Open to all	Discussion of last year's observations of Jupiter, Saturn, Uranus and Neptune atmospheres. Also: future plans.
Wed	15-Oct	12-5pm	<b>DPS Committee</b>	Pennsylvania	Jonathan	Lunine	jlunine@lpl.arizona.edu	Invitation only	Secret agenda.
Thurs-Fri	16-Oct to 17-Oct	9am-5pm	<b>Astronomy Educator Workshop</b>	Ithaca College	Luke	Keller	lkeller@ithaca.edu	Open to all, Registration required	Improving the College Introductory Astronomy Survey Course for Non-Science Majors Through Active Learning.