

DETAILED SCHEDULE BY DAY: EARTH & SPACE SCIENCE: MAKING CONNECTIONS IN EPO

MONDAY, AUGUST 2, 2010 • SESSIONS LISTED BY LEAD PRESENTER

| | CRISTOL 140 | MUENZINGER E050 | UMC BALLROOM | UMC 235 | UMC 247 | UMC 382+384 | UMC 386 | UMC 425 | OTHER |
|---|--|--|--|---|---|---|--|---|------------------------|
| 7:30 | | | | | | | | | Registration Desk Open |
| 8:30 – 8:45 | Introduction to the Conference | | | | | | | | |
| 8:45 – 9:45 Morning Joint Plenary Session 1 | CoBabe-Ammann, Prather, Fraknoi (moderator): EPO and Astro 101: Shotgun Wedding, Marriage of Convenience, or Meaningful Relationship? | | | | | | | | |
| 9:45 – 10:30 | | | Coffee Break, Poster/ Exhibit Set Up and Early Viewing | | | | | | |
| 10:30 – 11:50 | 1-minute Poster Presentations | | | | | | | | |
| 11:50 – 1:15 | | | | | | | | | Lunch on your own |
| 1:15 – 2:15 Afternoon Plenary Session 1 | | Schatz (moderator): The New Science Education Frameworks — Express Your Opinion | | | | | | | |
| 2:15 – 3:00 | | | Break, Poster & Exhibit Viewing | | | | | | |
| 3:15 – 4:15 1-hour Workshops 10-minute orals | | | | Session Chair: Steinberg Keller: CSU Science Teacher and Researcher (STAR) Program Perrodin: Teaching Astronomy Undergraduates How to Teach Shipman: Statewide Teaching of Astronomy in K–12 Classrooms in Delaware Gibbs: Capitol College Center for Space Science Education and Outreach: Building a STEM Pipeline Wyatt: Advertising Citizen Science: A Trailer for the Citizen Sky Project | Hsu: 2010 National Observe the Moon Night | Schatz: "Surrounded by Science": Improve Your Practice by Exploring What Research Says About Learning Science in Informal Environments | McQuillan: Overhaul Your Earth Science Activities Using Easily Accessible Online Seismic Data | Carr: Connecting NASA Research with K–12 Science Education | |
| 4:30 – 5:30 1-hour Workshops 10-minute orals Special Interest Group (SIG) | | | | Session Chair: Sharma Squires: The Other 99.99% Santascyoy: Wild About Social Media? Gay: New Media Pipeline Mankowski: Exploring the Public's Engagement in GalaxyZoo Bullock: Determining Cloud-Level Winds in the Venus Atmosphere | Lebofsky: A Portable/ Traveling Human Orrery | Mendez: NASA E/PO Networks — How to Use Them to Your Advantage [SIG] | Ristvey: Investigating Asteroids — NASA's Dawn Mission | McCaffrey: Climate Change Education as a Presidential Priority | |
| 5:30 – 6:00 | | | Poster & Exhibit Viewing, Networking | | | | | | |
| 7:30 | Nontechnical Lecture: Dark Energy and the Runaway Universe by Alex Filippenko (UCB) | | | | | | | | |

DETAILED SCHEDULE BY DAY: EARTH & SPACE SCIENCE: MAKING CONNECTIONS IN EPO

TUESDAY, AUGUST 3, 2010 • SESSIONS LISTED BY LEAD PRESENTER

| | CRISTOL CHEMISTRY 140 | UMC BALLROOM | UMC 235 | UMC 247 | UMC 382+384 | UMC 386 | UMC 425 | OTHER |
|---|---|--|---|--|--|---|--|------------------------|
| 7:30 | | | | | | | | Registration Desk Open |
| 8:30 – 9:30 Morning Joint Plenary Session 2 | Hewson: Teach to the Stars: How People Learn Science | | | | | | | |
| 9:30 – 10:00 | | Coffee Break, Poster & Exhibit Viewing | | | | | | |
| 10:00 – 11:00 1-hour Workshops 10-minute orals | | | Session Chair: <i>Gurton</i> Harold: Addressing Misconceptions Through Physics Based Games Dusenbery: Discover Space: An Exhibit Program for Libraries Dussault: Do Learning Outcomes Escape from "Black Holes"? Nichols: Designing Effective E/PO Products for Museums Thieman: Sun-Earth Day | Lyons: Building Space Pods — A "Get-Dirty" Hands-On Workshop | Walker: Astronomy Meets the Environmental Sciences: Activities for Informal and Formal Educational Settings | | Gould: Graphing, Gravity, and Kepler's Laws — Activities from NASA's Kepler Mission EPO | |
| 11:15 – 12:05 10-minute orals Special Interest Group (SIG) | | | Session Chair: <i>Schwerin</i> Gould: Using MicroObservatory Online Telescopes Robinson: African Dust Project Brandenburg: Options for Inexpensive, High-Quality, Student-Made Telescopes Venner: Engineering Design Challenge: The Search for Life | Hurst: Supporting Online Communities [SIG] | Garmany: Making Connections with Underserved Communities, Broadening Participation in the STEM Fields [SIG] | | O'Donoghue: Teaching Climate Change [SIG] | |
| 12:05 – 1:15 | NASA Town Hall Meeting (12:15) | | | | | | | Lunch on your own |
| 1:15 – 2:15 Afternoon Plenary Session 2 | | | Fienberg (moderator): Citizen Science Across the Disciplines | | | | | |
| 2:15 – 3:00 | | Break, Poster & Exhibit Viewing | | | | | | |
| 3:15 – 4:15 1-hour Workshops 10-minute orals | Session Chair: <i>Schultz</i> Shostak: Making a Science Radio Show Backman: The Process of Producing SOFIA's First Light News Release White: Partnering with Amateur Astronomers to Get Your Message to the Public Figueiredo: Motivations and Challenges of Women Participating in Amateur Astronomy Clubs Johnson: Beyond Teaching: Building the Next Generation of Science Thinkers | | | Harvey: Live From Gemini: Expanding the Walls of the Classroom Globally | Reinfeld: Astrophotography for All: Capturing the Colorful Cosmos with Online Telescopes | Russell: Radiation Storm vs. The Magnetic Shield: Superheroes of Magnetism & Space Weather Education | Campbell: Know Your Earth: A Fun Multi-Mission, Multi-Media View of NASA Earth-Observing Satellites and Global Climate Change | |
| 4:30 – 5:30 1-hour Workshops 10-minute orals Special Interest Group (SIG) | Session Chair: <i>Daou</i> Kruse: Project ASTRO and the Galileo Teacher Training Program Johnson: Windows to the Universe at NESTA Schwerin: Earth System Science Education Alliance Slater: New National Science Education Standards and Astronomy Whitworth: Digital Resources for Communicating Astronomy | | | Berendsen: Video Tips for Worry-Free Informal Presentations | Sharma: The Intersection of NASA Astrophysics E/PO and Higher Education [SIG] | Wallace: I'm a StarryTeller! Engage Your Outreach Audience through Their Own Sky Stories | Wawro: The Solar Dynamic Observatory: Let the Sun Shine In! | |

DETAILED SCHEDULE BY DAY: EARTH & SPACE SCIENCE: MAKING CONNECTIONS IN EPO

WEDNESDAY, AUGUST 4, 2010 • SESSIONS LISTED BY LEAD PRESENTER

| | CRISTOL CHEMISTRY 140 | UMC BALLROOM | UMC 235 | UMC 247 | UMC 382+384 | UMC 425 | OTHER |
|---|---|--|---|---|--|--|------------------------|
| 7:30 | | | | | | | Registration Desk Open |
| 8:30 – 9:30 Morning Joint Plenary Session 3 | Solomon: A World of Change: Climate Yesterday, Today, and Tomorrow | | | | | | |
| 9:30 – 10:00 | | Coffee Break, Poster & Exhibit Viewing | | | | | |
| 10:00 – 11:00 1-hour Workshops 10-minute orals | | | <p>Session Chair: <i>Fienberg</i></p> <p>Larsen: Assessing the Effect of a Digital Planetarium Show on the Astronomical Understanding of 5th Graders</p> <p>Rosenfield: Affordable Digital Planetariums with WorldWide Telescope</p> <p>Yu: Long-Term Audience Impacts of Live Full-dome Planetarium Lectures for Earth Science and Global Change Education</p> <p>Stengler: Interdisciplinarity and Debate as Highly Motivating Factors in Live Shows — Five Years of Success</p> | <p>Johnson: Activities Helping Students Explore the Science of Climate and Ways to Take Action for the Health of the Planet</p> | <p>Morrison: Dealing with Public Fears of Doomsday 2012</p> | <p>Daou: Highlighting the Moon: Using Lunar Education Resources to Enhance K–12 STEM Education for Classrooms and Science Centers</p> | |
| 11:15 – 12:05 10-minute orals Special Interest Group (SIG) | | | <p>Session Chair: <i>Garmany</i></p> <p>Whitehouse: Engaging Students through Astronomically-Inspired Music</p> <p>Givan: Using Collaborative Intelligence to Increase Effectiveness and Sustainability of Scientific Outreach Programs</p> <p>Bar: In the Footsteps of Galileo Galilei</p> <p>Perkins: Science Teaching in Context: A Creative Global Sojourn with the Evolution and Emergence of Scientific Discovery</p> | <p>Shupla: Preparing for the Year of the Solar System [SIG]</p> | | <p>Pompea: Teaching with Galileoscopes and Other Small Telescopes [SIG]</p> | |
| 12:05 – 1:15 | | | | | | | Lunch on your own |
| 1:15 – 2:15 1-hour Workshops 10-minute orals | | | <p>Session Chair: <i>Gibbs</i></p> <p>Ortiz-Gil: Astronomical Activities for People with Special Needs During IYA 2009 in Spain</p> <p>Manning: “Yondering” IYA: How the Astronomical Society of the Pacific is Adapting its International Year of Astronomy Programs for the Long Haul</p> | <p>Ensworth: NASA SMD Earth and Space Science Education Product Review</p> | <p>Shipp: u *can* diy! Using Social Media in Science Education and Public Outreach Programs to Connect with Audiences</p> | <p>Laursen: “A Scientist Has Many Things to Do”: EPO Strategies that Focus on the Processes of Science</p> | |
| 2:15 – 2:45 | | Break, Poster & Exhibit Viewing | | | | | |
| 3:00 – 4:00 1-hour Workshops | | | | <p>Venner: Accessible Astronomy: Using Universal Instructional Design to Teach Astronomy to Individuals with Varying Abilities</p> | <p>Buxner: Exploring Assessment Tools for Research and Evaluation in Astronomy Education and Outreach</p> | <p>Mijic: Computer Animations and Computer Games as Tools for Public Science Education</p> | |
| 4:15 – 5:15 Afternoon Plenary Session 3 | | | <p>Neff (moderator): Science — and Antiscience — in the Climate and Evolution Debates</p> | | | | |
| 5:15 – 6:15 | | Closing Discussions and “Rocky Mountain High” Happy Hour | | | | | |