

South Central Conference for Undergraduate Women in Physics

MITCHELL INSTITUTE FOR FUNDAMENTAL PHYSICS AND ASTRONOMY (MIST)

All activities will take place in the foyer of the MIST building or Hawking Auditorium (excluding lab tours)

Friday, January 13

- 5:00 Reception and Registration – foyer of MIST Building
 - Dr. Ruth Schemmer -- 30 Seconds to Make Your Case
- 5:45 Welcome – Hawking Auditorium
 - Dr. H Joseph Newton, Dean, College of Science
- 6:00 Invited Talk: Career Opportunities in Physics: A Woman PhD-Turned-Entrepreneur's Perspective
 - Dr. Marianne Hamm, founder of AccSys Technology, Inc; former Exec VP and COO
- 7:00 Pizza Break
- 7:15 Graduate School Panel moderated by Tiffany Pinder (WISE)
 - Indara Suarez & Karie Badgley (Texas A&M University),
 - Charlotte Sanders & Cynthia Correa (University of Texas),
 - Angela Douglass (Baylor)
- 8:15 Research in Physics at Texas A&M University
 - Life in the Suburbs of the Universe: How Living in Groups Changes Galaxies (Emily Freeland)
 - An Accelerator Driven Molten Salt Fission System: Combining Theory with Experiment (Elizabeth Sooby)
- 9:30 Social Activities

Saturday, January 14

- 8:15 Breakfast
- 8:45 Welcome
 - Dr. Olga Kocharovskaya, Distinguished Professor, Department of Physics, Texas A&M University
- 9:00 Invited Talk: My Journey in Physics: Studying Atoms and Molecules in the Universe
 - Dr. Kate Kirby, Executive Officer, American Physical Society
- 10:00 Break
- 10:20 Invited Talk: Physics Careers: To the Bachelor's Degree and Beyond
 - Dr. Crystal Bailey, Education & Careers Program Manager, American Physical Society
- 11:20 Research in Physics at Texas A&M University
 - aTmcam: A Simple Atmosphere Transmission Monitoring Camera For Sub 1% Photometric Precision (Ting Li)
 - Particle Physics at the Large Hadron Collider (Indara Suarez)
- 12:00 Lunch
- 1:00 Keynote Address: An Era of Opportunities and Choices: A Physicist's Dilemma
 - Dr. Persis Drell, Director and Professor, Department of Physics and Astrophysics, SLAC
- 2:15 Lab Tours
 - Don Naugle lab (Levica Smith)
 - Jennifer Marshall lab (Emily Boster)
 - Marlan Scully (Miaochan Zhi)
 - James White lab (Clement Sofka)
- 4:15 Careers in Physics Panel moderated by Dr. Ruth Schemmer
- 5:30 Dinner
- 6:30 Tours of Observatory (Dr. Anne Pellerin) and Cyclotron (Ellen Simmons and Lauren Heilborn)
- 9:00 Networking Mixer and Poster Session

Sunday, January 15

- 8:30 Breakfast
- 9:15 Invited Talk: Learning from Early Research Experience
 - Dr. Saskia Mioduszewski, Associate Professor, Department of Physics, Texas A&M University
- 10:15 Break
- 10:30 Invited Talk: Women Can Do An Einstein
 - Dr. Nutan Chandra, Professor, Department of Physics, Jamshedpur Women's College, India
- 11:30 Lunch and Closing Remarks
 - Dr. Sherry Yennello, Professor, Department of Chemistry, Texas A&M University

We proudly recognize the sponsors of the conference:

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