

**Lowell Observatory Navajo-Hopi Astronomy Outreach Program  
Workshop for Teachers  
November 15-16, 2013**

**FINAL SCHEDULE**

In Steele Visitor Center at Lowell Observatory in Flagstaff, AZ

**Friday, 15 November 2013**

Noon	Welcome (Deidre Hunter)
12:15 pm	Introductions and Lunch
1:30 pm	Panel Discussion: Models and the Nature of Science
2:00 pm	Introduction to The Universe at Your Fingertips (Deidre) and Science Standards (Sone Sithonnorath)
2:30 pm	Classroom activity: Scale Model of the Solar System and Characteristics of the Planets (Will Grundy)
3:15 pm	Coffee Break
3:30 pm	Navajo Cultural Connections (Alethia Little)
4:15 pm	Classroom activity: Moon Motions and Phases (Sone)
5:15 pm	Observing the Night Sky with Planospheres and Galileoscopes (Sone and Alethia)
5:45 pm	Leave for dinner
6:00 pm	Group Dinner at Salsa Brava (2220 E Route 66)
7:30 pm	Observing the Night Sky, continued (Sone and Alethia)
8:00 pm	Viewing through Clark telescope (weather permitting); Exhibit Hall in the Visitor Center

## Saturday, 16 November 2013

8:30 am	"A Private Universe" (Sone)
9:15 am	Classroom activity: The Reasons for the Seasons (Deidre)
10:30 am	Coffee Break
10:45 am	A favorite activity: Venus Topography Boxes (Will)
11:00 am	Classroom activity: Egg Drop (Alethia)
12:00 pm	A favorite activity: Astrolabes (Sone)
12:15 pm	Lunch at Lowell, optional solar observing
1:15 pm	Classroom activity: Is it Alive? (Deidre)
2:15 pm	Web resources: Stellarium (Joey Chatelain)
2:30 pm	A favorite activity: Craters (Deidre)
2:45 pm	Hopi Cultural Connections (Alethia)
3:30 pm	Coffee Break
3:45 pm	New Horizons and Pluto (Will)
4:15 pm	Classroom activity: Comets (Sone, Alethia)
5:15 pm	Evaluation Forms
6:00 pm	End