Viaje al Universo’s Program
October 20th thru 24th, 2014

Monday, October 20th

9:00 to 10:30 Germán Riesco’s school
Simultaneous talks, 60 students at each talk:
9:15 to 10:30 University of La Serena’s astronomer Amelia Ramírez “How different is our Miky Way from the other galaxies?” (6th graders)
9:15 to 10:30 Las Campanas Observatory’s astronomer Nidia Morrell “A pale blue dot” (8th graders)
9:15 to 10:30 Gemini’s astronomer Erich Wenderoth “A walk through the Universe” (5th graders)
9:15 to 10:30 Family Astro activities “The moon”

Opening Ceremony:
11:30 hrs to 13 horas
Colina, University of La Serena
Principal ULS, Gemini South Director, Mayor of La Serena, SERNATUR
12:45 Schools and teachers award ceremony
13:00 Ribbon cutting ceremony

Viva Library
14:30 to 16:30
Astronomy with 4 pre schools from La Serena and Coquimbo (45 párvulos)
Led by teacher Jorge Muñoz “The sky, up or down?”
18:30 to 20:45 Teachers Workshop “Galileoscopes and optics” (15 teachers) Viva Library (Galileoscopios provided by Gemini and CTIO), led by teacher Jorge Muñoz.

Tuesday, October 21st

9:00 to 13:00 San Joaquín School
Talks:
10:00 am Gemini’s Juan Madrid, “Journey into the center of a estelar cluster” (7th and 8th graders)
11:00 a.m. ULS’s astronomer Julia Arias “A Star is Born!” (9th and 10th graders)
12:00 Las Campanas’s astronomer Carlos Contreras “The dark side of the Universe” (a talk in English for high school students)
12:00 Gemini’s Erich Wenderoth “Evolution and origin of the Universe” (astronomy school’s club)

9:30 to 11:30 a.m. Family Astro “Moon” activities 5th and 6th graders
9:30, 10:30 and 11:30 StarLab shows (CTIO/Gemini) 10:30 and 11:30 (3rd, 4th and 5th graders)

18:30 to 20:30 horas. Exhibits room ULS (Benavente #950, La Serena). Technical-Scientific Panel: “How important is the sky quality in astronomy”. For 12th graders, ULS physics and math students. Moderator: Erich Wenderoth, Gemini. Panel: Pedro Sanhueza (OPCC), Nidia Morrell (LCO), Juan Madrid, Rodolfo Angeloni and René Rutten (Gemini), Rodolfo Barba and Sergio Torres (ULS) and Malcolm Smith (CTIO). The exhibit Alaxpacha Jayri “Nuestro Cielo Nocturno” will be open.

18:30 to 21:00 San Joaquín School Teacher training “Measuring Parallaxes” led by teacher Jorge Muñoz (20 participants)

**Wednesday, October 22nd**

8:00 a.m. Las Campanas Observatory tour (Liceo de Niñas and Form-Arte school) Tour of the facilities located at 2 and a half hours from La Serena, talks given by Italian astronomer Francesco di Mille and Chilean engineer Oscar Duhalde. Snack on the bus on their way back, expected at 13:30 hours.

At the same time:

* Media visits to local radios, newspapers, television and institutions coordinated by SERNATUR, ULS, City Hall and Gemini (10:30 a.m. to 12:30)
Afternoon

14:30 to 17:30 Artistic and Cultural School “Form-Arte”
Talks:
14:30 CTIO’s astronomer Alfredo Zenteno “Chile and the Universe”
(11th and 12th graders)
15:30 Gemini’s Pedro Ojeda, Gemini : “Telescopes” (8th and 9th graders
16:30 Light Pollution Office (OPCC)’s Pedro Sanhueza, “Light Pollution”
(open to general audience)

At the same time:

Gemini’s StarLabs show at las 15, 16 and 17 horas ( 4ths and 5th graders
students, parents and general public)

Thursday, October 23th

9:30 to 12:30
Los Carrera School, Coquimbo
(10 high schools from Coquimbo invited)
09:30 Gemini opening remarks
10:00 CTIO’s astronomer Guillermo Cabrera “Studying Science:
Computer and Astronomy in the era of great volume of data”
11:00 Panel of careers in astronomy for teachers, parents and students.
(Sandra Romero, Pedro Gigoux, Rodolfo Angeloni, John Michael and
Fabián Collao (Gemini) Roberto Bermudez, Silvia Muñoz and Francisco
Figueroa(LCO), Leonor Opazo (CTIO), Pamela Duarte (Sernatur)
Questions.
13:00 end of the activity

Visiting Alfa Aldea (touristic observatory), Vicuña
17:00 to 21 hours
Leonardo Da Vinci School from Vicuña, (coordinated by AlfaAldea) 50
personas
Talks:
17:15 CTIO’s astronomer Guillermo Cabrera “Studying Science: Computer and Astronomy in the era of great volume of data”
18:00 Gemini opening remarks and information on outreach programs.
18:30 Painting contest award ceremony Leonardo Da Vinci’s school.
18:45 Coffee break
19:15 ULS’s astronomer Héctor Cuevas “The Universe Beyond galaxies”
20:00 Gemini’s Erich Wenderoth “Walk thorugh the Universe”
20:30 Telescopes observations coordinated by AlfaAldea.
Return 21:30 hours

Friday, October 24th

Visiting AURA Observatory in Chile
9:00 a.m. Gemini’s tour (St. Mary’s school 40 people)
Tour of the summit facilities led by Michiel Van del Hoeven, Diego Maltés and day crew.

9:30 CTIO’s tour (Germán Riesco’s school)
Tour of the summit facilities.

9:30 SOAR’s tour (Christ School) 15 people.
Tour of the summit facilities.

Returning to La Serena no later than at 1 p.m. from each telescope.

(End of the program)