

Session 3 - Community Partners - Lessons Learned from 2017

Dr. Carmen Pantoja

University of Puerto Rico, Río Piedras

April 9, 2022





August 21, 2017
was a partial
eclipse in
Puerto Rico



The
unexpected
happens: The
partial eclipse
inspired a
modern dance
performance



Preliminary preparations for partial eclipse 2017

Preparation of College level students
the semester before the eclipse



Students at UPR-RP: Starry Messengers

Student training in astronomy
outreach during the semester with a
model called “Starry Messengers”

Discussed several essays on science
communication from book in Spanish:
“Guía de Divulgación Científica”
(2005)

Coordinated events in which students
can practice their skills in public
outreach:

- “Eratosthenes Project” with high
school students (March 21, 2017).
- Exhibit of scale model of
International Space Station on loan
from NASA (month March 2017).



Preparation for children and teachers

This took place in class and during summer camps before the eclipse



Dr Gloria Isidro - Caribbean U.

Identify activities and lessons in Spanish. Use adapted materials for the visually impaired

Astronomy at Summer Camp at Caribbean University, June 2017



Preparation for public

Let people know where special public events will take place, inform about safe ways to view the eclipse. The amateur astronomers are very helpful with public talks, and promoting events in their web pages



Dr. Daniel Altschuler for CNN-Español

Published articles in Spanish social media

Algunas curiosidades de los Eclipses Solares

Dr. José L. Alonso

Astrónomo

Universidad de Puerto Rico en Cayey

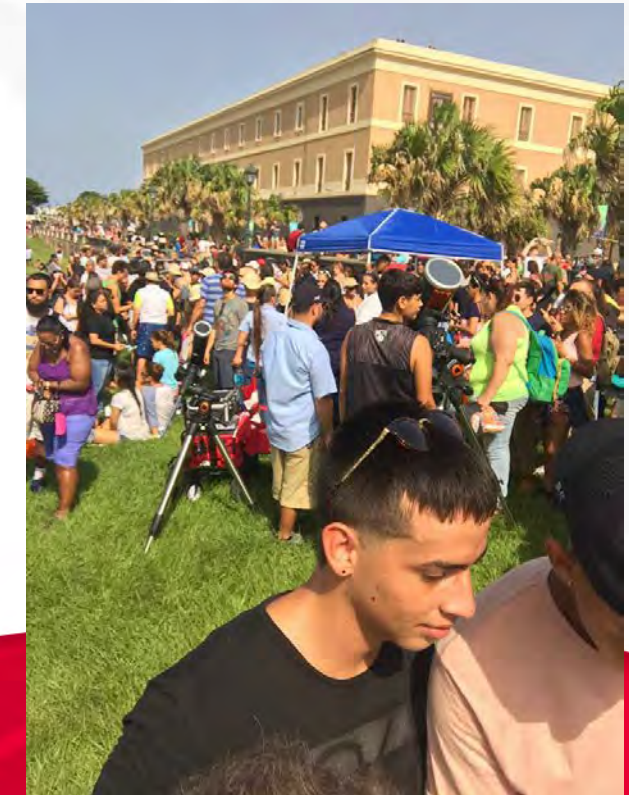


Starry Messenger Meraris Tolentino local TV



Monday, August 21, 2017
Events at different locations

Amateur groups: **Sociedad de Astronomía del Caribe**



Grounds of Of Castillo San Felipe Del Morro, San Juan National
Historic Site (*credit Juan Luis Martinez, endi*)

Monday, August 21, 2017

Amateur groups: **Sociedad de Astronomía de Puerto Rico**



Credit SAPR

The amateur groups had their members at different locations in Puerto Rico. This effort allowed more people to enjoy the eclipse in Puerto Rico.



Monday, August 21, 2017

Universities and Colleges organized public events

University of Puerto Rico, Rio Piedras campus



Monday, August 21, 2017

At UPR-Rio Piedras a room was reserved for background orientation, safety measures for observations, NASA Live transmission, and distribution of materials





Events had the Support from:

- Society of Physics Students: “2017 Solar Eclipse Grant Program” donated 100 eclipse glasses
- NASA’s Kennedy Space Center: donated the Braille and tactile book “Getting a Feel for Eclipses”
- Physics and Physical Sciences students and professors helped as volunteers



El eclipse solar en la isla fue un evento único para educar y compartir

Escuelas, lugares de trabajo, áreas turísticas y centros de observación astronómica fueron el escenario al que acudieron miles de personas para aprender sobre un evento de la naturaleza

lunes, 21 de agosto de 2017 - 7:39 p.m.

Por ELNUEVODIA.COM



People and the press expressed their appreciation for the event



Next partial eclipses visible from Puerto Rico:

Saturday October 14, 2023 (~50% coverage)

Tuesday October 8, 2024 (~10% coverage)

Tuesday January 5, 2038 (~90% coverage)





UPR RP LA IUPI