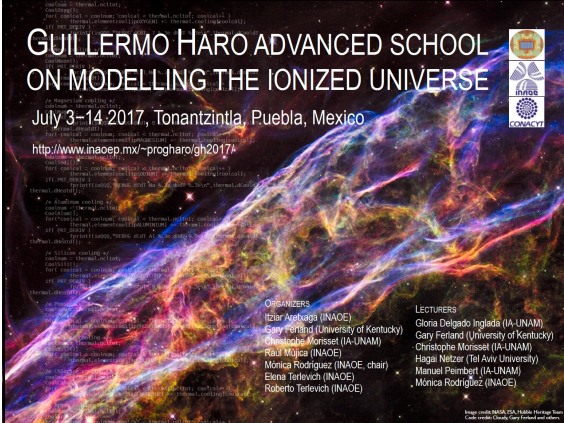


**GUILLERMO HARO ADVANCED SCHOOL
ON MODELLING THE IONIZED UNIVERSE**

July 3–14 2017, Tonantzintla, Puebla, Mexico

<http://www.inaoep.mx/~progharo/gh2017/>



ORGANIZERS

- Edgar Arcehigs (INAOE)
- Steve Kenzler (University of Kentucky)
- Christophe Morisset (IA-UNAM)
- Rita Rojas (INAOE)
- Monica Rodríguez (INAOE, chair)
- Elena Terlevich (INAOE)
- Roberto Terlevich (INAOE)

LECTURERS

- Glenn Delgado Iglesias (IA-UNAM)
- Gary Ferland (University of Kentucky)
- Christoph Kozlowski (IA-UNAM)
- Hagai Netzer (Tel Aviv University)
- Manuel Peimbert (IA-UNAM)
- Monica Rodríguez (INAOE)

Image credit: NASA, ESA, Hubble Heritage Team, Credit: Cloudy Workshop World Tour

The 2012-2017 Cloudy Workshop World Tour

Lexington Summer 2012, Belfast Summer 2014, Leiden Fall 2014, Belfast Winter 2015, Durham Spring 2015, Warsaw Summer 2015, Pune Fall 2015, Weihai Summer 2016, Tonantzintla Summer 2017

<http://cloud9.pa.uky.edu/~gary/cloudy/CloudySummerSchool/>



Group projects

- ◆ Break up into small groups of like-minded participants
- ◆ Define a research problem you will do using Cloudy
- ◆ The project/group must have a memorable name (needed to get grants or telescope time)
- ◆ Give brief presentations of the projects at the end of each day
- ◆ (See projects from old workshops)

Some rules

- ◆ Rule 1: There are no rules
- ◆ Rule 2: Research is what you are doing when you don't know what you are doing
- ◆ Rule 3: You can switch groups if you like, or form a new group with other participants
- ◆ Rule 4: We end each day with a summary of the group's progress and problems

Groups

- ◆ AGN
- ◆ AGNs & Emission Line Galaxies
- ◆ Compact Binaries
- ◆ Gas Dynamics
- ◆ HII & PNe Chemical Abundances
- ◆ ISM

AGNs

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- PDF AndrewHumphrey.pdf
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- PDF HaroldPeña.pdf

