

**9th Ticosonde Interdisciplinary Science Workshop**

10am-3pm Wednesday, 23 March 2022

Universidad de Costa Rica Sala Multiusos Plaza de la Autonomía

**1000-1005:** Welcome

Elian Conejo/Ryan Stauffer

**1005-1010:** Introductory Remarks

Maria Laura Arias Echandi, UCR Research Vice-Rector

**1010-1020**: UCR CICANUM Activities

Elian Conejo, UCR CICANUM Director

**1020-1035**: “NASA Earth Science and The Role of Ground-based Observations”

Henry Selkirk, NASA HQ

**1035-1050: “**Preliminary results from the OTREC 2019 Campaign using radiosonde data from Limón (Caribbean) and Santa Cruz (Pacific)”

Marcial Garbanzo, UCR School of Physics

**1050-1100**: *Coffee Break*

**1100-1115:** “Use of radiosonde data to validate regional climate models and infer moisture vertical profiles”

Ana María Durán Quesada, UCR School of Physics

**1115-1130: “**Volcanic air dispersion modeling to estimate SO2 concentrations in Costa Rica”

Jose Sibaja Brenes, UNA

**1130-1145:** “AERONET in Costa Rica and Beyond”

David Giles, NASA/GSFC

**1145-1200:** Ticosonde and CICANUM GasLab Operations

Alfredo Alan and Ernesto Corrales, UCR CICANUM GasLab

**1200-1215**: United States Embassy and Regional Environmental Hub Activities

Geoffrey Thomas, US Embassy San José

**1215-1230:** “Upper tropospheric/lower stratospheric water vapor observations at San Jose, Costa Rica”

Holger Vömel, NCAR

**1230-1330:** *Lunch Break*

**1330-1345:** Hunga Tonga Volcanic Eruption effects on Water Vapor

Holger Vömel, NCAR

**1345-1400:** “Costa Rica and the SHADOZ Tropical Ozonesonde Network”

Ryan Stauffer, NASA/GSFC

**1400-1415: “**Chemical modeling with Costa Rica measurements of water vapor and ozone: Implications for oxidation”

Julie Nicely, University of Maryland

**1415-1430:** Ticosonde Outreach Activities

Megan Damon, SSAI

**1430-1500**: *Placeholder for any yet-to-be-confirmed presentations*

To Be Determined

**1500:** Closing Remarks and Post-Workshop Coffee

Elian Conejo/Ryan Stauffer