

V. Program Schedule

[ORAL] Session F. Environmental and Human Health Effects of Atmospheric Ozone and U

Date / Time (Fri.) October 8, 2021 / 12:55-13:50 (UTC)

Session Code FRI2

Session Chair Julian Gröbner, Johanna Tamminen

[FRI2_K] 12:55-13:10

Keynote

Mapping Global Ground-Level Ozone Concentrations for 1990 to 2017 to Support Health Impact Assessment

Jason West

Department of Environmental Sciences and Engineering, University of North Carolina, Chapel Hill, North Carolina, USA

[FRI2_1] 13:10-13:15

Surface UV Radiation Contribution to the Increase of Melanoma Incidence Rate in Europe in the Last 20 Years

Agnieszka Czerwińska and Janusz Krzyścin

Institute of Geophysics, Polish Academy of Sciences, Poland

[FRI2_2] 13:15-13:20

Solar Ultraviolet Radiation Temporal Variability Analysis from 2-Years of Continuous Observation in an Amazonian City of Brazil

Gabriela Reis¹, Samuel Souza¹, Helvécio Neto², Rardiles Branches¹, Rodrigo da Silva¹, Lucas Vaz Peres¹, Damaris Kirsch Pinheiro³, Kevin Lamy⁴, Hassan Bencherif⁴, Thierry Portafaix⁴, and Marcelo de Paula Corrêa⁵

¹UFOPA, Brazil, ²INPE, Brazil, ³UFSM, Brazil, ⁴LACy, France, ⁵Federal University of Itajubá, Brazil

[FRI2_3] 13:20-13:25

Erythematous UV-B Dose Measurements Comparison Recorded by RBCC-E and BSRN at Izaña Atmospheric Observatory

Sergio F. León-Luis^{1,2}, R.D. García^{1,2}, Alberto Redondas², Virgilio Carreño², Javier López-Solano^{1,2}, Alberto Berjón^{1,2}, and Daniel Santana^{2,3}

¹Tragsatec, España, ²AEMET, Spain, ³LuftBlick Earth Observation Technologies, Austria

[FRI2_4] 13:25-13:30

Total Ozone and DNA UV Changes in the Future due to Greenhouse Gases

Kostas Eleftheratos¹, John Kapsomenakis², Christos S. Zerefos², I. Fountoulakis³, Patrick Jöckel⁴, and Martin Dameris⁴

¹National and Kapodistrian University of Athens, Greece, ²Academy of Athens, Greece, ³National Observatory of Athens, Greece, ⁴DLR, Germany

V. Program Schedule

- [FRI2_5]** 13:30-13:35
Characterizing Subarctic Biomes for Land Surface Modeling of Ozone Pollution and Climate Risk
Stefanie Falk¹, Ane Victoria Vollsnes¹, Aud B. Eriksen¹, Lisa Emberson², Connie O'Neill², Frode Stordal¹, and Terje K. Berntsen¹
¹University of Oslo, Norway, ²University of York, UK
- [FRI2_6]** 13:35-13:40
A Satellite-Based UV and VIS Climatology for Biological and Agricultural Applications for Greece and Cyprus: Preliminary Results and Validation
Fountoulakis Ilias¹, Kosmopoulos Panagiotis¹, Papachristopoulou Kyriakoula^{1,2}, Raptis Ioannis-Panagiotis^{1,2}, Eleftheratos Kostas^{2,3}, Garane Katerina⁴, Bais Alkiviadis⁴, Melina-Maria Zempila⁵, Kontoes Charalampos¹, and Kazadzis Stelios⁶
¹National Observatory of Athens, Greece, ²National and Kapodistrian University of Athens, Greece, ³Academy of Athens, Greece, ⁴Aristotle University of Thessaloniki, Greece, ⁵RAL - RAL Space, UK, ⁶PMOD/WRC, Switzerland
- Q&A** 13:40-13:50