

The 9th International HEPPA-SOLARIS Meeting

Monday 16 September 2024

CMIP-7 forcing and implementation in Earth system models: (1 invited talk + 1 contributed talk) - Cloth Hall Court
(09:40 - 10:30)

-Conveners: Douglas Kinnison; Bernd Funke

time	[id] title	presenter
09:40	[14] Evaluation of the chemistry and climate impact of the new solar forcing dataset for CMIP7 using the Whole Atmosphere Community Climate Model	Prof. MARSH, Daniel
10:00	[78] Creation of the next generation CMIP7 ozone forcing database	HEGGLIN, Michaela Imelda

Tuesday 17 September 2024

CMIP-7 forcing and implementation in Earth system models: (1 invited talk + 3 contributed talks) - Cloth Hall Court
(13:30 - 15:00)

-Conveners: Bernd Funke; Douglas Kinnison

time	[id] title	presenter
13:30	[13] EPP-climate link by reactive nitrogen polar winter descent: MIPAS v8 reprocessing and NOy UBC for climate models	BENDER, Stefan
13:50	[77] Solar forcing recommendations for CMIP7	FUNKE, Bernd
14:10	[9] Variable solar forcing of the Icosahedral Non-hydrostatic -ICON) model: implementations and tests in the upper atmosphere extension to apply varying CMIP7 forcing	KUNZE, Markus

Thursday 19 September 2024

CMIP-7 forcing and implementation in Earth system models: (3 contributed talk) - Cloth Hall Court (11:00 - 12:20)

-Conveners: Douglas Kinnison; Bernd Funke

time	[id] title	presenter
11:00	[4] Reconstructing solar irradiance variations with SATIRE	CHATZISTERGOS, Theodosios
11:20	[18] New reconstruction of energetic electron precipitation and atmospheric ionization for 1844-2023 using deep learning networks	ASIKAINEN, Timo
11:40	[6] New medium-energy electron precipitation solar forcing dataset for CMIP7	VAN DE KAMP, Max
12:00	[87] Controversies in sun-climate studies, role of natural factors and areas of disagreement between observation and CMIP models	Dr ROY, Indrani