

COSMO PHY I + ICON WG meeting on "Radiation, Clouds, Aerosols and Chemistry"

14-15.09.2026 14:00-18:00 CET, hybrid: Rome and Online in Webex

Monday 14.09.2026 16:00 - 17:30 CET, Room: Plenary

VC link: <https://comlog.webex.com/comlog/j.php?MTID=m93d7102ddece2aa6ad41925956d1763d>

Time	Presenter	Title
<i>Part 1: Model updates and configurations; Chair: Ali Hoshyaripour</i>		
16:00 - 16:20	M. Köhler, DWD	Impact of Spencer71 leap-year orbit error on NWP and improved VSOP87 orbits
16:20 - 16:40	M. Burba, DWD	Solar Eclipse Parametrization
16:40 - 17:00	J. Helmert, DWD	Advances in ICON External Parameter Generation and Land-Surface Modelling
17:00 - 17:20	C. Steger, MeteoSwiss	Investigating precipitation overestimation and spillover in the Swiss Alps during southerly flow
17:20 - 17:30	all	Discussion

Tuesday 15.09.2026 14:00 - 18:00 CET, Room: Leonardo

VC link: <https://comlog.webex.com/comlog/j.php?MTID=m7091dfef54ffa587c54b60492d6ff385>

Part 2: Aerosols and chemistry ; Chair: Harel Muskatel

14:00 - 14:20	A. Hoshyaripour, KIT	ICON-ART updates
14:20 - 14:40	J. Förstner, DWD	Dusty Cirrus and 2-moment ice microphysics
14:40 - 15:00	D. Rieger, DWD	2D-Aerosol
15:00 - 15:20	O. Carlo, CMCC	ICON-ART at CMCC: Status and Next Steps
15:20 - 15:30	all	Discussion

15:40 - 16:00 *Coffee break*

Part 3: Cloud microphysics; Chair: Mareike Burba

16:00 - 16:20	P. Khain, IMS	Mixed-phase SBM in ICON: consideration of turbulent enhancement of collisions
16:20 - 16:40	K. Shpund, IMS	COSMO PT: Med-Precip-EM - an update
16:40 - 17:00	H. Muskatel, IMS	Aerosols-cloud interactions in ICON / ICON-ART-DUST-IMS
17:00 - 17:20	E. Augoustoglou, HNMS	On the Sensitivity of the "PYRCEL" version of ICON Model over Greece
17:20 - 18:00	all	Discussion