ECS Meeting 2021
- Program -

DAY 1 | WEDNESDAY, 7 APRIL 2021

13.00 – 13.10	Welcome and Introduction (ECS committee)
13.10 – 14.00	Warm-up	'Stupid' Questions
14.00 – 14.15	*Coffee Break*
14.15 – 15.00	An Introduction into the ICON modelling framework and selected applications (Daniel Reinert, DWD)

Two options:

15:15 – 16.15	For ICON-users: Discussion session (Daniel Reinert, DWD)
15.15 – 16.15	For ICON-beginners: ICON introduction (Z2)
16.15 – 16.30	*Coffee break*
16:30 -	Icebreaker

DAY 2 | THURSDAY, 8 APRIL 2021

09.00 – 10.00	Warm-up	Showcasing
10.00 – 10.15	*Coffee break*
10.15 – 12.15	Tips for more effective reading of papers (Hella Garny, PI@W2W)
12.15 – 13.15	*Lunch break*
13.15 – 15.15	How to write an effective abstract (Michael Riemer, PI@W2W)
15.15 – 15.30	*Coffee break*
15.30 – 16.30	Successfully submitting paper – advice for submission process and review rounds (Volkmar Wirth, PI@W2W)
16.30 – 16.40	*Coffee Break*
16.40 -	Icebreaker

DAY 3 | FRIDAY, 9 APRIL 2021

09.00 – 10.00	Warm-up	'Stupid' questions and showcasing
10.00 – 10.45	Role of Indian Ocean in the early-winter North Atlantic European Climate (Adnan Abid, ICTP)
10.45 – 11.00	*Coffee break*
11.00 – 11.30	Introduction to YESS (Adnan Abid, ICTP)
11.30 – 12.15	Organizational topics by the ECS committee
12.15 -	*Extended coffee break*

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Warm-up | 'Stupid' questions (Wednesday)

13.10 – 13.15	What are the current DA problems? (Yvonne Ruckstuhl)
13.15 – 13.20	What is a weather regime? (Takumi Matsunobu)
13.20 – 13.25	What is a sudden stratospheric warming? (Xiaoyang Chen)
13.25 – 13.30	What are gravity waves? (Patrick Kuntze)
13.30 – 13.35	\<time buffer\>
13.35 – 13.40	What are Tropical Waves? (Athul Rasheeda Satheesh)
13.40 – 13.45	What is the Madden-Julian-Oscillation? (Hyunju Jung)
13.45 – 13.50	Explain the key features of supercell dynamics (Edward Groot)
13.50 – 13.55	Explain geostrophic adjustment (Alexander Lemburg)
13.55 – 14.00	\<time buffer\>

Warm-up | Showcasing (Thursday)

09.00 – 09.20	Interactive near real-time websites with Bokeh (Michael Maier-Gerber & Maurus Borne)
09.20 – 09.40	Training a convolutional neural network to conserve mass in data assimilation (Yvonne Ruckstuhl)
09.40 – 10.00	Tropospheric eddy feedback to different stratospheric conditions in idealised baroclinic life cycles (Philip Rupp)

Warm-up | 'Stupid' questions & Showcasing (Friday)

09.00 – 09.05	What is idealized modelling? (Philip Rupp)
09.05 – 09.10	How do microphysics parameterisations work? (Tim Lüttmer)
09.10 – 09.15	How do radiation parameterisations work? (Mihail Manev)
09.15 – 09.20	\<time buffer\>
09.20 – 09.25	Explain spectral discretization (Juliane Rosemeier)
09.25 – 09.30	Explain jet streams and wave guides (Sheena Loeffel)
09.30 – 09.35	Origin of ensemble forecasts (Matjaz Puh)
09.35 – 09.40	\<time buffer\>
09.40 – 10.00	Feature Detection Framework (Christoph Fischer & Andreas Beckert)