ESSL Newsletter 2022-5

November 2022

European Conference on Severe Storms 2023

Second Announcement and Call for Papers

The European Severe Storms Laboratory and the Romanian National Meteorological Administration invite you to:

ECSS2023
11TH European Conference on Severe Storms
in Bucharest, Romania
8-12 May 2023

The scope of the conference covers all aspects of severe convective storms. Researchers, forecasters, risk and emergency managers, and others dealing with severe storms from around the world are invited to submit contributions.

Abstract submission and registration for the conference are now possible at:

www.ecss.eu

The deadline for abstract submission is **12 January 2023**
Early bird registration rates are available until **9 March 2023**

The 11th edition of the European Conference on Severe Storms will take place in the very centre of Bucharest at the National Statistics Institute (Institutul Național de Statistică,

Bulevardul Libertății 16, București 030167).
Bucharest is a friendly town influenced by
different architectural styles over the centuries.

Detailed information on the venue, travel
to Romania and social events can be found
on the conference website.

Please feel free to forward this **Call for Papers** to any interested persons.
The organizers are looking forward to meet you in Romania.
For general questions regarding the conference, please
contact the ECSS team at ecss@essl.org.

Conference topics:
- Convective storm and tornado dynamics
- Numerical modelling of storms, storm-scale
data assimilation
- Impact of storms on society, impact mitigation
and early warning systems
- Flash floods
- Forecasting and nowcasting of storms
- Severe weather forecaster training
- Satellite studies of storms and their environment
- Radar studies of storms and their environment
- Storm microphysics, electrification, lightning and hail
- Storm climatology, risk assessments and relation
to climate change
- Collection of storm data, historical events and
damage assessments

Scientific Programme Committee
Dr Lisa Schielicke, Freie Universität Berlin, Berlin, Germany (Chair)
Dr John Peters, PennState, USA
Dr Rachel Albrecht, University of São Paulo, Brazil
Dr Dave Sills, The Northern Tornadoes Project, Canada
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Dr Mario Marcello Miglietta, Instituto di Scienze dell'Amtosfera e del Clima, Italy
Dr Sorin Cheval, National Meteorological Administration, Romania
Dr Pieter Groenemeijer, ESSL
Dr Tomáš Púčik, ESSL
Dr Bogdan Antonescu, ESSL (secretary)

ESSL Travel Support
ESSL will support 5 people financially for their travel to the ECSS2023: EUR 500 travel
support as a lump sum and in addition a waiver of the ECSS registration fee.
Travel support will be granted to applicants following these basic rules:
- Abstract submitted for the ECSS2023 via the regular system by the abstract
submission deadline. Unfortunately, the abstract fee cannot be waived.
- Short curriculum vitae of the candidate and motivation letter explaining in brief why
support is needed sent by the abstract submission deadline as PDF files to
travelsupport@essl.org.

The decision will be made by the ECSS Scientific Programme Committee
based on the most promising abstracts and the most plausible financial
need. The decision will be communicated to the applicants by end of
February 2023. The lump sum of EUR 500 will be transferred to the account
of the awardees immediately after the conference. A receipt needs to be
signed at the conference site. Full attendance of the conference is required.

Sponsored ECSS Social Programme
(included in the conference fee)

Monday evening: Informal Icebreaker Reception
                         at the ECSS venue
Wednesday afternoon: Alternatively guided tour to
                         Palace of the Parliament or guided
                         walking tour through the city centre
                         of Bucharest.

More information you can find [here](#).

Young Scientist Conference Awards (YSCAs)

The **European Meteorological Society** invites applications for a Young Scientist Conference Award (YSCA) to support the participation of young scientists at the [11th European Conference on Severe Storms](#), Bucharest, Romania, 8 to 12 May 2023. The award includes financial support for travel expenditures of 500€.

Young Scientist Conference Awards are awarded to support participation of outstanding students and young scientists at EMS-co-sponsored conferences. The award money is intended to cover registration fees and – depending on the conference format (physical/virtual) – either part of the travel expenses to the event or the page

charges for publishing the results presented at the event.

Young scientists under 35 years of age on the first of January of the respective year, working and/or studying in a European country are eligible for an award. All countries with an EMS Member Society or included in the WMO RA VI region are considered as European. For an overview of EMS Member Societies please consult the EMS Member site.

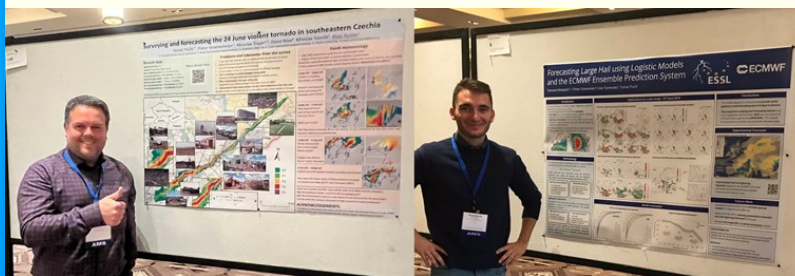More information and application procedure are available here.

ESSL at US Severe Local Storms Conference

Francesco Battaglioli and Alois Holzer represented ESSL at the US counterpart of our ECSS conference: SLS2022 in Santa Fe, New Mexico. It was already the 30th edition of his conference and the biggest so far. Fancesco Battaglioli presented an oral talk on the 1950 to 2021 hail climatology for both Europe and the USA. His work is based on AR-CHaMo, the Additive Regression Convective Hazard Model developed at ESSL. The presentation raised a lot of interest, leading to a high number of interactions after his talk. Alois Holzer reported on the development of the International Fujita (IF) Scale, main-authored by Pieter Groenemeijer. ESSL is leading an international working group that provides input to the IF Scale document. As being US-centric, the EF scale cannot be used for damage assessment in Europe. The IF Scale therefore will become the basis for intensity ratings of convective winds and tornadoes in the ESWD in early 2023 and thus is an important basis for future climatologies.

During the closing session of the SLS conference, we were given the opportunity to present the upcoming ECSS2023 to the US audience. Alois Holzer presented the chosen venue in Bucharest, Romania, on a number of slides.

In addition to these oral presentations a poster on the Czech tornado of 2021 by Pucik et al. and another poster on "Forecasting Large Hail Using Additive Logistic Regression Models and the ECMWF Ensemble Prediction System" by Battaglioli et al. were presented.

Alois M. Holzer and Francesco Battaglioli at US Severe Local Storms Conference.

New registration pages for ESSL events

Earlier this month we switched to a new participant registration tool on our ESSL webpage. It allows direct bookings of ESSL activities like courses and the ESSL Testbed. It will also offer easier handling of registrations by our secretariat. In addition to these advantages more payment options than before are available for participants.

The registration for all ESSL events in 2023 is now open. Early bird rates are available until 30 November for the following two courses: "Aviation Forecasting of Severe Convection" in March and "Forecasting Severe Convection (FSC I)" in April.

ESSL members and employees of institutional

ESSL members are entitled to reduced fees - typically a discount of EUR 200 per registered person.

First ever autumn testbed

10 to 14 October 2022 the first autumn edition of the EUMETSAT-ESSL Testbed was held, and as anticipated it offered plenty of opportunity to study severe convection over the Mediterranean and train forecasters on leading edge forecasting and nowcasting tools. For the year 2023 two such weeks are planned, starting on 25 September and 9 October 2023.

New course: Towards better written and oral weather communication

There is often too much too tell for not enough attention and time. One of the key functions of journalism is to condense the available information to the most important messages that can be transported to and received by the readers, listeners, and viewers. As meteorologists or other professionals from the meteorology and climate

sector, we need to communicate most precisely and most concisely, sometimes also nicely and entertaining, in any case understandable and in a usable way. This course will teach concepts for clever texting and oral presentation of weather reports, but also for approaches to good answers during media interviews. The course will offer conceptual models and repeated opportunities for practical training in small groups. It is scheduled from 7 to 9 November 2023.

Target groups for this course are media weather presenters, forecasters at national weather services, professionals and scientists with media contacts in the fields of meteorology and climate. Alois Holzer will be the trainer for this course. He was a forecaster at the Austrian Broadcasting Corporation (ORF) radio and online branch for 25 years until early 2022. He worked many years as a lead forecaster and lastly over 3 years as head of the forecasting department. Holzer from 2012 to 2016 was a member of the European Meteorological Society media awards select committee and from 2014 to 2016 founder and chair of the EMS media awards select committee for the "Award for Achievement in Journalism". He co-chaired media meteorology sessions at several conferences and worked as a trainer at ORF in training on-the-job activities. He co-authored scientific papers on the user-friendliness and legibility of TV and radio weather reports in a joint effort with psychologists.

European Severe Storms Laboratory

ESSL training activities

Unsure which [course](#) to attend?

[Try our online quiz!](#)

For further information about the registration for these events, please contact us at: events@essl.org

Or approach us for [tailored trainings or forecaster training on-the-job](#).