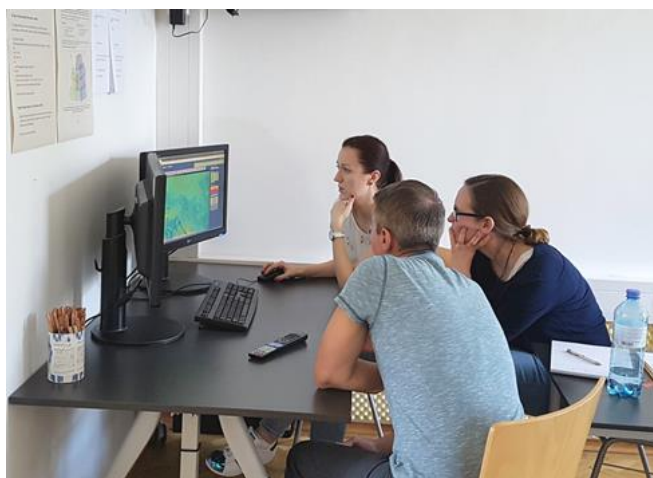




European Severe Storms Laboratory
ESSL Newsletter
2019-3

December 2019

**Early fee registration ends on 31
December**



For 2020, ESSL has scheduled many different events, including courses and workshops. We want to remind you that for the following events in March and April, early registration with reduced fees ends on **31 December 2019**:

9 – 13 Mar 2020

Course: [Dynamics and Prediction of Severe Convection \(FSC II\)](#)

by Prof. Dr. Jeff Trapp, University of Illinois,
USA Early bird fee until 31 Dec 2019.

30 Mar – 3 Apr 2020

Course: [Aviation Forecasting of Severe Convection](#)

by Dr. Tomáš Púčik (ESSL/ESTOFEX)

20 – 24 Apr 2020

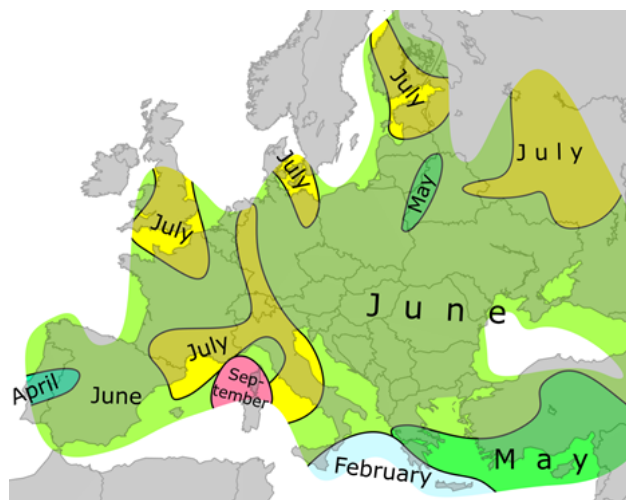
Course: [Forecasting Severe Convection \(FSC I\)](#)

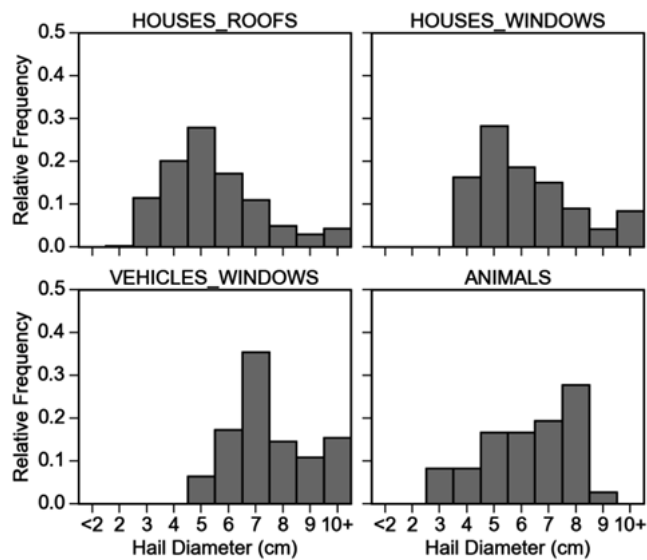
by Dr. Tomáš Púčik (ESSL/ESTOFEX) Early bird fee until 31 Dec 2019.

Follow the links to read more information and to register online for these courses.

New journal publication on hail and impacts in Europe

The ESSL team has written a new peer-reviewed article in collaboration with Munich Re that has been published in *Monthly Weather Review*. The researchers looked at typical impacts reported in the European Severe Weather Database with hail of a given diameter, developed a climatology and discuss the occurrence and costs of the most damaging hail: hail with a diameter of more than 5 or even 10 centimetres. Giant hail of over 10 cm is not as rare as one might think.





For more information, read the [news item about this article](#), or read the open access article in *Monthly Weather Review*:

Tomáš Púčik, Christopher Castellano, Pieter Groenemeijer, Thilo Kühne, Anja T. Rädler, Bogdan Antonescu, and Eberhard Faust, 2019: Large hail incidence and its economic and societal impacts across Europe, *Monthly Weather Review*, **147**, 3901–3916.

<https://doi.org/10.1175/MWR-D-19-0204.1>

ECSS2019 in Kraków



The 10th European Conference on Severe Storms was a great success, or that is what participants noted on the feedback forms provided at the registration desk. The scientific programme was of a high level and with **241 participants from 32 countries** the number of participants was above expectation.



At the conference, a number of awards were presented.

The **Nikolai Dotzek award** was presented to **Robert (Bob) Davies-Jones**, for his many important contributions to the science of severe storms.

Jean Dessens received an **Extraordinary Heino Tooming Award** during the conference dinner at the [#ecss2019](https://twitter.com/ecss2019) for his important role in the initial phase of the ECSS conference series.

Jannick Fischer and **Johannes Dahl** received the **Best ECSS2019 oral presentation Jury Award** for their presentation "Outflow surges in simulates supercell-like storms and their influence on tornado development".

Enoch Jo and **Sonia Lasher-Trapp** received the **Best ECSS2019 oral presentation Audience Award** for their presentation "Entrainment in supercells".

Shruti Nath and co-authors received the **Best ECSS2019 poster Jury Award** for their poster "Towards automated multi-sensor thudnerstorm warning suggestions".

Mateusz Taszarek and co-authors received the **Best ECSS2019 poster Audience Award** for

their poster "Derecho evolving from a mesocyclone"



Above: Happy co-organizers Alois M. Holzer (ESSL, left) and Piotr Struzik (IMGW, right), celebrating the conclusion of a successful conference, being watched by scientific programme committee members Chris Weiss and Vanna Chmielewski. Photo: Thomas Schreiner.

ESSL events in 2020

The following events are planned for late spring, summer and autumn 2020. To read more about them, please visit the event descriptions on the ESSL web site.

15 – 19 Jun, 22 – 26 Jun (*Expert Week*), 6 – 10 Jul,
13 – 17 Jul 2020

[ESSL Testbed 2020](#)

Early bird fee until 28 Feb 2020.

24 – 27 Aug 2020

Workshop:

[4th ESSL Workshop on Tornado and Windstorm Damage Assessment](#)

by ESSL staff and expert guests.

Early bird fee until 30 April 2020.

7 – 11 Sep 2020

[EMS Annual Meeting: European Conference for Applied Meteorology and Climatology](#)

co-sponsored by ESSL, in Bratislava, Slovakia

21 – 25 Sep 2020

Course:

[Aviation Forecasting of Severe Convection](#)

by Dr. Tomáš Púčik (ESSL/ESTOFEX).

Early bird fee until 30 April 2020.

2 – 6 Nov 2020

Course:

[Flash Flood Forecasting](#)

by ESSL staff and expert guests.

Early bird fee until 30 June 2020.

9 – 13 Nov 2020

Course:

**Optimal Use of Satellite Data in Forecasting
Severe Convection *NEW!***

by ESSL staff and expert guests.

Early bird fee until 30 June 2020.

24 – 26 Nov 2020

Workshop:

Convective Storm Risk *NEW!*

by ESSL staff and expert guests.

Early bird fee until 30 June 2020.

Check out the **[full ESSL Event Calendar](#)**

Unsure which course to attend?

[Try our online quiz!](#)

For further information about the registration
for these events, please contact us at: email:

events@essl.org

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



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