

Training Course Summary



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What have we learned?

- **Lectures:**

- Overview and introductory lectures to key building blocks of an NWP model
 - Scientific processes and their representation in the IFS
 - Technical presentations related to code and related software products

- **Practical exercises:**

- Case study on Storm Karl
 - Building the OpenIFS model from sources
 - Preparing forecast experiments, running the model, visualizing model output
 - Modifying/enhancing the model source code and running perturbation studies
- Individual practicals focusing on specific learning outcomes
 - Debugging exercise to diagnose and remedy common errors
 - Practical on related software products (ecCodes, Metview) and on spectral transform
- All practicals can be taken home, and case study Notebooks will be made available for download

What can I do now?

- **Take materials home**

- Either create archives (e.g., zip, tar) of your data on the European Weather Cloud and download
- You will be emailed a download link for the case study Notebooks
- PDFs of the lecture slides will be uploaded in a few days to the course programme and can be downloaded from there (<https://events.ecmwf.int/event/331/>)
- Please **do not take OpenIFS sources and related climate data home** with you. You should rather use your own local OpenIFS installation to use with these Notebooks if you want to repeat the exercises in your own time
- Apply for an institutional OpenIFS licence if your affiliation does not have one

- **Attend further ECMWF training courses on subjects of your interest**

- **Join the OpenIFS mailing list and follow posts on the OpenIFS User Forum**

- **Come along to OpenIFS User Meetings**

Thank you

to all participants!