



## The ECMWF OpenIFS model

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The ECMWF OpenIFS project started in December 2011 and has the overall aim of providing a version of the IFS model forecast system for research and education at external institutions. The OpenIFS model is a reduced version of IFS that includes all the forecast capability but without any data assimilation. Improvements to the code structure and installation/compilation process have been made for use by research groups on their own computer systems. Dedicated OpenIFS support is provided at ECMWF. In this presentation we describe the objectives of the OpenIFS project, with more details on the capability of the model. The first OpenIFS users were the Department of Meteorology (MISU), Stockholm University in November/December 2012 as part of their MSc course. By way of example of the use of the model, we present results from the model integrations carried out based on the Lothar storm over Europe in December 1999.