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AIFS: a new ECMWF forecasting system

Thursday, 6 June 2024 10:10 (25 minutes)

ECMWF has developed a data-driven forecast model, the Artificial Intelligence/Integrated Forecasting System (AIFS), which is now run in experimental mode alongside our NWP model IFS. AIFS's forecasts are highly skilful and now available to the public. The talk will describe the current state of AIFS, its architecture and framework, and discuss some of the design decisions. Furthermore, we will present future extensions of AIFS.

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Session Classification: Machine Learning and the AIFS