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Meteorology Laboratory



MMM SEMINAR

Please join us in welcoming **Professor Alan Thorpe**, University of Reading, for our upcoming MMM Seminar Series.

MMM Seminar @ 2:00PM,

Refreshments @ 1:45PM

Please also join colleagues for refreshments and informal discussion after the seminar until 3:30PM.

Participants watching the live webcast may ask questions during the seminar via [Slido](#). This seminar will be hybrid, you may attend in-person or watch the **live webcast**.



Add to Calendar



**Location: FL2-1022,
Large Seminar
Auditorium**

Physics, AI and the Future of Weather Prediction

Professor Alan Thorpe
University of Reading

The quiet revolution of numerical weather prediction has been built on science, observations, numerical modeling, and computing advances. It has delivered major improvements in weather forecasting and climate projections. Now, in the age of AI, this approach is being disrupted as the question is posed: which tells us more about the future – statistics or physics? Here, we discuss the possible futures for weather prediction and its underlying science in light of developments in machine learning. The case is made that physics-based modelling should remain as the bedrock of the weather enterprise.

[Link to Full Abstract & Bio](#)