Oxford Mathematics Public Lecture

University of Oxford — Mathematical Institute

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Terry Lyons

Signatures of Streams

A calculator processes numbers without caring that these numbers refer to items in our shopping, or the calculations involved in designing an airplane. Number without context is a remarkable abstraction that we learn as infants and which has profoundly affected our world.

Our lives start, progress in complex ways, and are finally complete. So do tasks executed on a computer. Multimodal streams are a pervasive "type", and even without fixing the context, have a rich structure. Developing this structure leads to wide-ranging tools that have had award-winning impact on methodology in health care, finance, and computer technology.

Terry Lyons is Professor of Mathematics in Oxford and a Fellow of St Anne's College. His research is supported through the DataSig and Cimda-Oxford programmes.

5–6pm Wednesday 2 November 2022
Mathematical Institute, Oxford

Register at external-relations@maths.ox.ac.uk

The lecture will be available on our Oxford Mathematics YouTube Channel on 9 November at 5pm: www.youtube.com/OxfordMathematics

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