



## **The use of complex network techniques to determine (future) climate transitions**

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In recent years much research activity has focused on the application of complex network techniques to problems in climate variability. This has been particularly successful in climate transition problems, where relatively simple topological properties of reconstructed interaction networks have provided useful early warning indicators of transitions in the ocean circulation and vegetation patterns. In this presentation, a critical evaluation will be given on recent results on such transition problems, with a focus on the collapse of the Atlantic Ocean circulation.