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Abstract title:
Applications of network science to socio-economic, climate and infrastructure systems

Abstract:
Network science has been applied in many world-wide systems and processes. These include economics [1,2], social systems, physiology, traffic, climate, pollution, epidemics, and infrastructures [5]. I will show some examples of how one can distinguish between fake news and real news and how to predict failures of financial companies or banks using network features. I will also show some properties of phase transitions that can be observed and applied in traffic systems [3,4,6]. Also, it will be shown, how switching between topics of scientists evolve during their career over the past 100 years [7].

References:
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