

*This is to certify that*

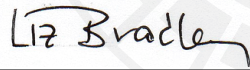
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has successfully completed the Santa Fe Institute's Massive Open Online Course

**Nonlinear Dynamics: Mathematical and  
Computational Approaches (Fall 2018)**

[.complexityexplorer.org](http://complexityexplorer.org)

December 04, 2018



Liz Bradley, Lead Instructor



David Krakauer, Santa Fe Institute President