

This is to certify that

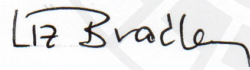
CLAUDIO PIERARD

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

Nonlinear Dynamics: Mathematical and
Computational Approaches (Fall 2016)

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

December 17, 2016



Liz Bradley, Lead Instructor



David Krakauer, Santa Fe Institute President