

*This is to certify that*

ARTURO MARTÍN

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

Introduction to Agent-Based Modeling (Summer  
2023)

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

August 24, 2023



Anamaria Berea, Lead Instructor



David Krakauer, Santa Fe Institute President