

This is to certify that

MARZENA MARIA KIBIL

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

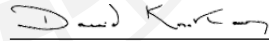
Introduction to Agent-Based Modeling (2021)

[.complexityexplorer.org](https://www.complexityexplorer.org)

July 05, 2021



Anamaria Berea, Lead Instructor



David Krakauer, Santa Fe Institute President