

*This is to certify that*

**ALOK GANGARAMANY**

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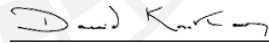
**Introduction to Agent-Based Modeling (Summer  
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[abm.complexityexplorer.org](http://abm.complexityexplorer.org)

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Anamaria Berea, Lead Instructor



David Krakauer, Santa Fe Institute President