**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 5: MPI**

**Lesson 3: Distributed Memory Concepts: Distributed Multiprocessing**

**References / Further Reading**

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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

*We welcome your improvements! You can submit your proposed changes to this material and the rest of the curriculum in our GitHub repository at*[*https://github.com/shodor-education/petascale-semester-curriculum*](https://github.com/shodor-education/petascale-semester-curriculum)

*We want to hear from you! Please let us know your experiences using this material by sending email to* [*petascale@shodor.org*](mailto:petascale@shodor.org)

References / Further Reading.

1. Parallelization: Area Under a Curve <http://www.shodor.org/petascale/materials/UPModules/AreaUnderCurve/>. Last access on 06/16/2020.
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5. Parallel Area Under a Curve Exercises By Tiago Damasceno and Samuel Leeman-Munk, Shodor, Durham, NC. <http://shodor.org/petascale/materials/UPModules/exercises/Area_Under_Curve/>. Last accessed on 06/20/2020.
6. P.S. Pacheco, *Parallel Programming with MPI*, Morgan Kaufmann Publishers, 1997.
7. W. Gropp, E. Lusk and A. Skjellum, *Using MPI: Portable Parallel* *Programming with the Message-Passing Interface*, 2nd ed. MIT Press, 1999.