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

**Unit 5: MPI**

**Lesson 5: Using Advanced MPI**

**References / Further Reading**

*Developed by Hyacinthe Aboudja for the Shodor Education Foundation, Inc.*



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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)

Most of my material has been extracted from existing previous work. This explain the internet citation as source of my inspiration

1. https://www.cs.usfca.edu/~peter/ipp/index.html

2. https://www.acm.org/binaries/content/assets/education/cs2013\_web\_final.pdf

3. http://people.math.sc.edu/Burkardt/cpp\_src/mpi/mpi.html

4. https://fs.hlrs.de/projects/par/par\_prog\_ws/pdf/heat\_mpi\_2.pdf

5. https://www.cs.usfca.edu/~peter/ppmpi/

6. https://www.mpi-forum.org/

7. https://www.mpi-forum.org/bofs/2018-11-sc/intro.pdf

8. https://www.mcs.anl.gov/~itf/dbpp/

9. https://www.mcs.anl.gov/~itf/dbpp/tools.html

10. https://www.youtube.com/embed/SIZaIkD\_Jfg