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

**Unit 4: OpenMP  
Lesson 10: Ensemble Based Simulated Annealing in OpenMP  
References / Further Reading***Developed by David A. Joiner for the Shodor Education Foundation, Inc.*



*Except where otherwise noted, this work by The Shodor Education Foundation, Inc. is licensed under CC BY-SA 4.0. To view a copy of this license, visit*[*https://creativecommons.org/licenses/by-sa/4.0*](https://creativecommons.org/licenses/by-sa/4.0)

*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)

Petascale Module

<http://shodor.org/petascale/materials/UPModules/StochOpt/>

|  |  |
| --- | --- |
|  |  |
| Ruppeiner, George, Jacob Mørch Pedersen, and Peter Salamon. "Ensemble approach to simulated annealing." *Journal de Physique I* 1.4 (1991): 455-470. |  |
| APA |  |