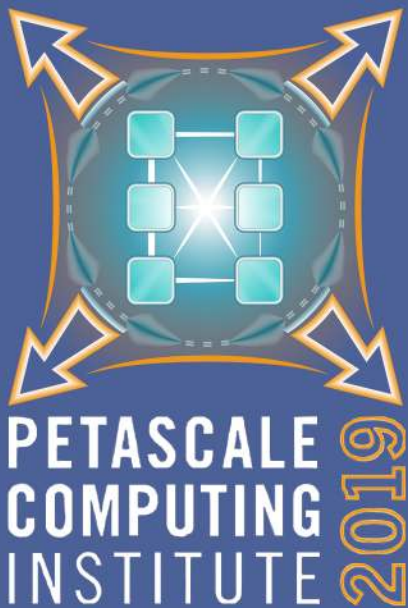


# CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

*Ignasius Anugraha*

*This is to certify that Ignasius Anugraha  
has completed the Petascale Computing  
Institute 2019 held August 19-23, 2019 at  
the NCSA.*



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08-23-2019

*Scott Lathrop*

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PROGRAM MANAGER