09-20-20
HPX – PMC meeting notes

Present:
Hartmut, Mikael, John, Auriane, Gregor, Katie, Adrian

HPX 1.5.0 released!
https://hpx.stellar-group.org/2020/09/02/hpx-1-5-0-released/

Hartmut
For next release, goal is C++ 20 compatibility.
Algorithms are what's left to work on for this
The next release should be 1.6, not 2.0
For 2.0, modularization to get the distributed stuff under control

Mikael
Next steps – refining API
Executor customization points will be moved or replaced
will clean-up big modularization PR next week

Synchronization with SYCL
Kokkos SYCL support may be complete by end of the year

At CSCS intern working on performance dashboard, completed a demo this week-
Reading performance counter data

John
For OTF2 tool, use apex
Set meeting with Kate Isaac's and Kevin to discuss Traveler applications

Traveler was built for Phylanx but can work with any HPX system