



ComPASS4 Collaboration Meeting

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April 24 & 25, 2018

Welcome to Illinois



Why we are here

ComPASS-4 will address these computational aspects of the physics challenges in four ways. Our project will

1. enhance particle-in-cell (PIC) methods on modern HPC platforms,
2. develop ASAP, an advanced suite of Poisson solvers to meet the needs of beam dynamics and plasma acceleration,
3. create POPAS a computational platform for accelerator simulations that will facilitate parameter optimization by taking advantage of the parallelism available in tuning and enhancement scenarios, and
4. enable coupling between existing simulation software for enhanced capabilities.

Coordinating with the ASCR Institutes

The SciDAC-4 Coordination Committee (S4CC for short) will serve as a focal point for activities that include facilitating interactions between the Institutes and the Partnerships, and with the broader science community as well as identifying and assessing cross-cutting issues, topics and emerging needs within the SciDAC-4 community. The committee was formed in late 2017 and consists of the SciDAC-4 Institute Directors along with points of contact (POCs) from each Partnership area.

Early activities by the S4CC will focus on building collaborations between the Institutes and the Partnerships and developing a long-term strategy for maintaining effective communication between these projects. In the mid-term, S4CC will look outward to help the SciDAC-4 community to interface with facility experts and to find opportunities for broader deployment of SciDAC-4 applied math and computer science technologies.

Dinner tonight

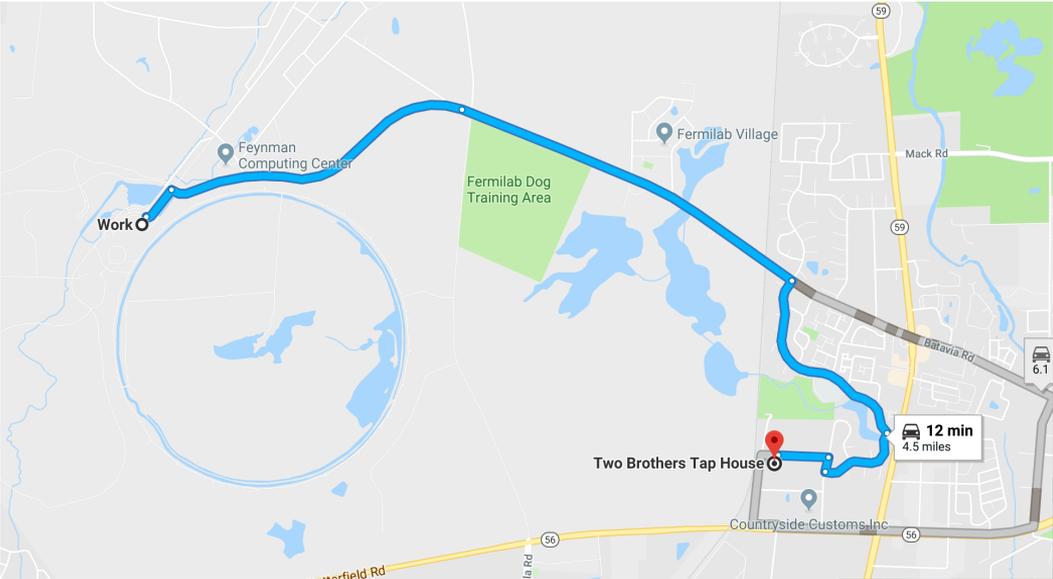


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<http://twobrothersbrewing.com/restaurants/tap-house/>



Directions



TWO BROTHERS TAP HOUSE
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