Argonne-Intel-Cray Center of Excellence

Not officially formed yet.

In negotiations with Intel & Cray.
## Argonne-Intel-Cray Center of Excellence

### Structure*
- Three-four onsite Intel/Cray people
  - 1 Lustre person
  - 2-3 applications people
- Starts as soon as agreement signed

### Activities
- Training
  - Deep dives with apps teams
- Partner work on applications
- Liaise with Intel & Cray
  - Verify & address problems identified by early users
  - Early Science teams
  - ALCF staff
  - Tools & libraries partners
- Develop community
  - Participate in early user forum

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*Subject to change; depends on final agreement.

2016 – 2019:

Theta system as well as Aurora
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- **Target application codes**
  - Theta Early Science Program codes (6 Tier 1, 6 Tier 2 projects)
    - Tools and libraries project software
  - Aurora Early Science Program codes (10 projects selected late 2016)
    - Tools and libraries project software
  - Other applications of importance to ALCF

- **Development strategy**
  - Take advantage of vendor tools/compilers/libraries
  - Develop with portability across other next-generation architectures as a goal