Einstein Toolkit Workshop 2018 - Updates

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Bhavesh Khamesra
Georgia Institute of Technology

Day Briefings

- Day 1 Highlights

    - Working Group Updates
    - Hackathon
    - Contributed Talk - Erik Schnetter.
    - Working Group Discussion - Initial Data, Education and Outreach, Illinois GRMHD

- Day 2 Highlights

    - Invited Talks - Aycin Aykutalp, David Neilsen and Zachariah Etienne
    - Tutorials - NRPy and Dendro AMR.
    - Contributed Talk - Roland Haas.
    - Working Group Discussions - Performance and Optimization, Postprocessing and Data Analysis,

- Day 3 Highlights

    - Invited Talks - Deirdre Shoemaker, Daniel Siegel, Shawn Rosofsky
    - Summary of Working Group Discussions

Stats

- Number of Participants - 29 Participants (including 2 remote participants)
- Number of Speakers - 8
- Seven Working Group Summaries
  - Performance and Optimization   - Roland Haas
  - Data Dependant Task Scheduler   - Samuel Cupp
  - Spherical Coordinates   - Vassilios Mewes
  - Illinois GRMHD   - Zachariah Etienne
  - Outreach and Education   - Gabrielle Allen
  - DataVault   - Qian Zhang
  - Cosmology and Particles   - Helvi Witek

Working Groups

- Initial Data -
  - Discussions - possible paths and current available infrastructure
  - Initial work started by Josh Faber. [Link for detailed updates.](#)
- Education and Outreach -
  - [Link for detailed updates.](#)
- Illinois and GRMHD -
  - Discussions - Current status of the code, bugs and fixes, applications in astrophysics, and possible future avenues.
  - [Link for detailed updates.](#)
- Performance and Optimization -
  - Discussions - Bottlenecks causing reduced performance, benchmarks and how to optimize per node performance.
  - [Link for detailed updates.](#)
- Post Processing -
  - Discussions - Common infrastructure required for postprocessing, design of such package, available