## Schedule of the Event:

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
<th>Faculty Judges</th>
</tr>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>PGH 232</td>
<td>Christoph F. Eick Welcome and Overview of the Event</td>
<td>S. Shah, R. Vilalta, E. Gabriel, I. Kakadiaris, L. Johnsson</td>
</tr>
<tr>
<td>10:05 AM</td>
<td></td>
<td>Jaspal Subhlok About Our Department</td>
<td>S. Shah, R. Vilalta, E. Gabriel, I. Kakadiaris, L. Johnsson</td>
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<tr>
<td>10:25 AM-12:05 PM</td>
<td>PGH 232</td>
<td>STUDENT TALK PRESENTATIONS</td>
<td>S. Shah, R. Vilalta, E. Gabriel, I. Kakadiaris, L. Johnsson</td>
</tr>
<tr>
<td>10:30 AM-12:10 PM</td>
<td>PGH 563</td>
<td>STUDENT TALK PRESENTATIONS</td>
<td>C. Ordonez, R. Verma, K.-H. Cheng, O. Johnson, I. Pavlidis, G. Chen</td>
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<tr>
<td>12:20 PM-1:50 PM</td>
<td>PGH 232</td>
<td>Food, Entertainment, Q&amp;A, and Surprises</td>
<td>S. Shah, R. Vilalta, E. Gabriel, I. Kakadiaris, L. Johnsson</td>
</tr>
<tr>
<td>1:50 PM-3:30 PM</td>
<td>5th Floor Hallways</td>
<td>STUDENT POSTER PRESENTATIONS</td>
<td>N. Tsekos, Z. Deng, C. Yun, S. Huang, L. Shi</td>
</tr>
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</table>

### STUDENT TALK PRESENTATIONS

#### 232 PGH:
1. Bassam Almogahed - A Novel Oversampling Algorithm Based on Non-Cooperative Game Theory
2. Paul Amalaman - Patch based Prediction Techniques
3. Zechun Cao - A Methodology for Finding Uniform Regions in Spatial Data and its Application to Analyzing the Composition of Cities
4. Malcolm Dcosta - Peri-Nasal Indicators of Deceptive Behavior
5. Christopher DeVito - Cluster Analysis
6. Duc Duong - Spatiotemporal Breathing Function Reconstruction
7. Dong Han - Understanding Desktop Energy Footprint in an Academic Computer Lab
8. Charu Hans - Automated, Quantitative Zebrafish

#### 563 PGH:
10. Yen Le - Similarity-Based Appearance-Prior for Fitting a Subdivision Mesh in Gene Expression Images
12. Ahmad Qawasmeh - A Compiler-Based Tool for Array Analysis in HPC Applications
13. Mario Rincon - GPU-Accelerated Interactive Visualization and Planning of Neurosurgical Interventions
15. Tayfun Tuna - Lecture Video Indexing and Semantic Search
16. Ilyas Uyanik - Interfacing Real-Time Ozone Information
17. Sujing Wang - Understanding Desktop Energy Footprint in an Academic Computer Lab
18. Avinash Wesley - Eustressed or Distressed? Combining Physiology with Observations in Human Studies

### STUDENT POSTER PRESENTATIONS

#### 5th Floor Hallways:
1. Ayodunni Arubki - Quantifying the Performance of Cache-Based Versus Scratchpad-Based Memory Organizations for Scientific Applications
2. Wei Ding - A Similarity-Based Analysis Tool for Scientific Applications Porting
3. Deepak Echemptai - Supporting Optimized Execution of Coarray Fortran Programs with the OpenUH Compiler
4. Apurva Gala - Gait-Assisted Person Re-identification
5. Hakan Haberdar - Video Synchronization as One-Class Learning
7. Binh Le - Smooth Skinning Decomposition with Rigid Bones
8. Kshitij Mehta - Parallel I/O for High Performance Computing
9. Huy Nguyen - On Budgeted Influence Maximization Problem in Social Networks
10. Swaroop Pophale - OpenSHMEM: Benchmarks & Library Extensions
12. Meenakshi Sharma - DNA Methylating Analysis for Next Generation Sequencing Data
13. Khai Tran - Social Cues in Group Formation and Local Interaction for Collective Activity Analysis
14. Guillaume TransonTay - An Efficient Hemodynamic Workflow in Computational Surgery
15. Roberto Valero - Kernel Properties
16. Vishwanath Venkateswaran - High Performance Parallel File I/O for Distributed Memory Systems
17. Xu Yan - Modeling Local Behavior for Multi-Person Tracking
18. Lijuan Zhao - Semi-Automated Registration of 3D Torso Images from Breast Reconstruction Surgery
19. Waleed Faris - Communicating with ALPS: The Building of a Natural Language Processor
20. James LaGron - A Task Synchronization Extension for OpenMP