1. **Connections of Meshes to PDEs**

2. **Applications of Meshing**
   b. Research presentation by Dr. Drapaca
   c. Research presentation by Dr. Craven
   d. Research presentation by Dr. Shontz

3. **Delaunay Mesh Generation Techniques**

4. **Advancing Front Methods**

5. **Quadtree/Octree Methods**

6. **Other Types of Mesh Generation Methods**

7. **Mesh Quality Improvement Methods**
   b. S.P. Sastry and S.M. Shontz, Performance characterization of nonlinear optimization methods for mesh quality improvement, Engineering with Computers, Published online July 9, 2011.

d. Research presentation by Dr. Shontz+

8. Connections Between Meshing and Solvers

9. Mesh Warping/Morphing
b. Research Presentation by Dr. Shontz+

10. Adaptive Mesh Refinement

11. Mesh Compression

12. Parallel Mesh Techniques

+ = I gave a single presentation on my research which covered mesh warping methods, mesh quality improvement methods, and biomedical applications of these techniques.