



MNSUG Minnesota SolidWorks Users Group

Meeting Notes: 05/16/2007

Our second meeting of the year

Mnsug

Attendance: 33

- SW Blog: <http://blogs.solidworks.com/solidworksblog/>
- SW Podcasts: <http://blogs.solidworks.com/mediapodcasts/>
- SW Community Blog: <http://blogs.solidworks.com/swcommunity/>
- SW Express Newsletter: <http://www.solidworks.com/swexpress/pages/may06/>
- Online Forum - MNSUG Yahoo User Group <http://groups.yahoo.com/group/mnsug>
- meeting & as usual, new topic Ideas? Email: danp@solidservices.net
- design contest still on, email your SW designs to mnelson@enpathmed.com (more info below)
- **Visit our website** for info, meeting notes, job postings <http://www.solidservices.net/mnsug>
- Benefit your fellow SolidWorks users, A call for anyone who would like to put on a brief presentation at a future meeting

1:15 pm Solidworks Performance in Large Assemblies and More - Cole Mcleod - Applied Engineering

- Cole had an excellent presentation on SolidWorks performance and more, his power point is available at our mnsug user group site <http://groups.yahoo.com/group/mnsug> for download with more detail on performance options
- 4096 = Virtual Memory in XP
- In large Assemblies, a simple part without fillets was 1772bytes vs. 89,664bytes with the fillets
- One "trick" is to make simplified parts in your large assemblies with less or no fillets, have a config in each part called "simplify" or equivalent, and suppress more advanced features
- Task Scheduler and SolidWorks Explorer were mentioned
- Display States: Isolate: turns all else off, same as hide/show
- You can copy and paste (or drag and drop) display states
- You can make a folder for a group of parts "like a kit" in a BOM
- Cannot create sub-folders in a design tree though
- For advanced show/hide, right click the configuration
- You can also use "envelope" for a 3D window select
- Design tables will speed up assemblies, when given the choice, better to use design tables than the model in large assemblies or part files
- Chris MacCormack mentioned you can use the Alt key to move views

2:40 pm Design Contest - Dan Podzimek - Shaft Mount Design Contest

- Dan chose a winner for the Shaft Mount Design Contest

3:20 pm Open Forum

- The user group interacted to discuss multiple SolidWorks topics and give advice

3:44 pm Drawing for prizes

- Free SolidWorks Prizes were given to attendees



Sincerely, Your MNSUG Staff

- Dan Podzimek - President danp@solidservices.net
- David LaBuda - Vice President David_LaBuda@datacard.com
- Mark Nelson - Secretary mnelson@enpathmed.com