



MNSUG Minnesota SolidWorks Users Group

Meeting Notes: 08/16/2007

Our third meeting of the year

Mnsug

Attendance: 62

- o SW Blog: <http://blogs.solidworks.com/solidworksblog/>
- o SW Podcasts: <http://blogs.solidworks.com/mediapodcasts/>
- o SW Community Blog: <http://blogs.solidworks.com/swcommunity/>
- o SW Express Newsletter: <http://www.solidworks.com/swexpress/pages/may06/>
- o Online Forum - MNSUG Yahoo User Group <http://groups.yahoo.com/group/mnsug>
- o meeting & as usual, new topic Ideas? Email: danp@solidservices.net
- o design contest still on, email your SW designs to mnelson@enpathmed.com (more info below)
- o **Visit our website** for info, meeting notes, job postings <http://www.solidservices.net/mnsug>
- o 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 Meeting Start - Dan Podzimek

- o Introductions - MNSUG leaders
- o 7 hands raised for SolidWorks World 2007
- o Submit Product design showcase - a "big deal"
- o Call for papers - for Breakout sessions
- o CSWA 3hr online test - a CSWP primer
- o Free to SolidWorks MNSUG users, that pass, you get a free CSWP
- o 10/16 next Cosmos user group meeting - Anne Yust

1:31 pm Richard Doyle "The Richard Doyle Show"

- o Tips & Tricks Trivia - a 12 minute test on all subjects
- o Useful info at <http://customercenter.solidworks.com>
- o SolidWorks 2008 will have a center rectangle feature
- o McMaster Carr and other vendors online have new zipped files that download directly into SolidWorks. <http://www.mcmaster.com/> you will need to install a plug-in, called actify spinfire. I tried this for a few minutes and had no luck at all. Maybe someone else can get this to work.
- o Tools, assembly expert (was assembly statistics)
- o 3D Content central has a new interface (within last three months)
- o Toolbox configure, design checker, a standards file is created - for example - it can check to see that all parts have material assigned
- o Richard showed Isolate - Display states & mentioned to try screen capture, image
- o Power Select (SolidWorks Utilities)

2:24 pm Design Contest - Dan Podzimek - Shaft Mount Design Contest

- o Design Contest - Shaft Mount 8 entries
- o John Jay won \$300 best buy gift certificate. Good accuracy

2:40 pm Break



2:55 pm Tim Newton - Symmetry Solutions - Animator Demonstration

- SolidWorks 2008 has animator. Click Tools, Add-ins, check animator
- Screen capture, wizard, timeline are three features
- Moving parts in a "normal type view" (looking straight on), they move easier
- Wizards for orientation, distance, lights & cameras
- Use mates in combination with timelines for interpolation mode - ease-in, ease-out, snap
- Warning: the renderor can take a long time. Maybe start before you leave work. Has to render each frame, and takes longer with larger frame rates and higher resolutions. But longer times = better animations, and larger filesizes
- Lights and cameras, right-clicking the camera gets you many options and settings, and can do a "walk-through". You can position the camera on the moving item (part), or items (subassembly)
- Use animator to add text & effects
- Use Windows Movie Maker, camtasia, virtual dub, sw podcasters, www.me.berkely.edu, was supposed to be edu/128 but that site doesn't work. Can search for animate at the main me. Site...
- In context features
- Physics simulations can be used in the animator wizard in sw2008.

3:44 pm Drawing for prizes & Richard Doyle Show Test Results

- For Richard's 12 minute test - Clark Honzig 3rd place, Trevor Waldeland 2nd, Rob Swenson got 23/24 correct, good job
- 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