



Additive Manufacturing: 3D Printing in Metals



Rapid Prototyping?

Production?

Aircraft Grade?

YES!, YES!, YES!

Join SAE-CIS for an evening to learn about how Harvest Technologies fuses powdered metal layer-upon-layer to 'grow' complex objects from 3D CAD data. Some key advantages of this technology are:

- Durable, functional parts and assemblies
- Cost-effective, tool-less production
- Rapid prototyping in days rather than weeks!
- Can be machined, polished, and/or heat-treated
- High strength metals and alloys



Throughout the evening, these following processes will be discussed:

- Direct Metal Laser Sintering (DMLS)
- Selective Laser Melting (SLM)
- Electron Beam Melting (EBM)

When:

Wednesday, May 22, 2013

5:00-5:30 PM Check In/Social

5:30-6:00 PM Dinner

6:00-7:00 PM Presentation

Where:

Caterpillar Tech Center A
Auditorium (Mossville)

If you are not a Caterpillar employee or do not have badge access to the technical center please see sae-cis.org for logistics and accessibility details

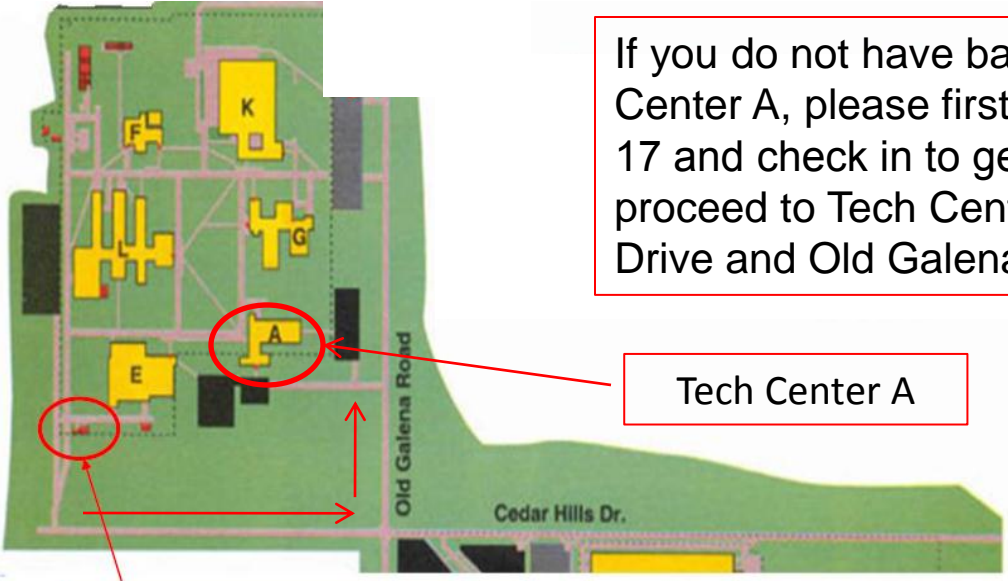
Cost (dinner included):

SAE Member	\$5
Non-member	\$10
SAE Student Member	\$0

RSVP:

RSVP is required at sae-cis.org to secure your spot. Public and guests are welcome. For event or registration questions contact Matthew Leustek at: Leustek_Matt@cat.com 309-578-8380

If you do not have badge access to Tech Center A, please first go to Security Office Y-17 and check in to get a visitor's badge. Then proceed to Tech Center A (via Cedar Hills Drive and Old Galena Rd) for the event.



Tech Center A

Security Office Building Y-17

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