Workforce Development through Simulation and Visualization

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“Where Ideas Become Reality”
Membership
By Age

- <36 Years: 11%
- 36-45 Years: 13%
- 46-55 Years: 20%
- 56-65 Years: 20%
- 66-75 Years: 7%
- >76 Years: 2%
- Unknown: 27%

Average of Known Ages: 51.3

Status: 31 Dec 2013
SOLUTION
Meeting the Skills Shortage Challenge

“Advanced simulation and visualization technologies being developed at the Center for Innovation through Visualization and Simulation (CIVS) at Purdue University Calumet will aide in the delivery of digital learning experiences by taking training to a whole new level.

These technologies enable effective measures to develop the pipeline of qualified, skilled professionals.”

- Ron Ashburn, AIST
## Consortium Supporters

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Steel Manufacturing Simulation and Visualization Consortium (SMSVC)
Roadmap Priority Project Topics

- Related Workshop Results: Workplace Safety, Workforce Development, Reliability & Maintenance (80 people from two workshops)
  1) Improving Steel Industry’s Image and Attracting/Retaining Workforce
  2) Virtual Training to improve workplace safety and bridge the skills gap
  3) Interactive Student-Steel Industry Programs and Tools
  4) Early Intervention Maintenance
  5) Virtual Simulation and Visualization Training: Safety, Operations, and Maintenance
VIRTUAL TRAINING FOR WORKFORCE DEVELOPMENT
Booth #1346