

Workforce Development through Simulation and Visualization

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CENTER FOR INNOVATION THROUGH
VISUALIZATION & SIMULATION

PURDUE
UNIVERSITY

CALUMET

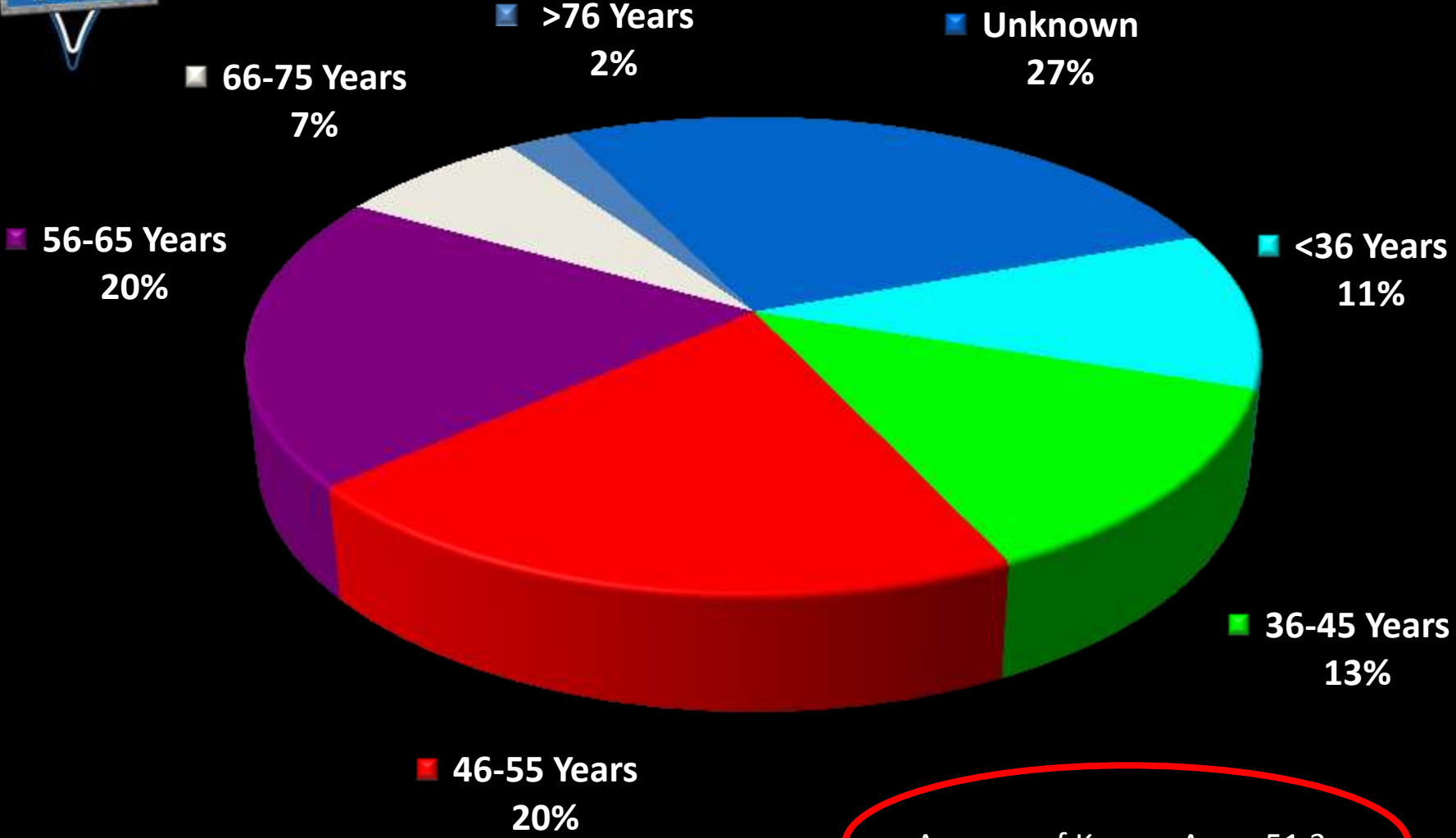
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“Where Ideas Become Reality”

Membership

By Age



Average of Known Ages: 51.3

SOLUTION



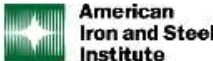















Meeting the Skills Shortage Challenge

“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

	ArcelorMittal		Enhanced Technologies
	AISI		AIST
	U.S. Steel		U.S. Steel Canada
	Union Gas		Berry Metal
	AK Steel		Steel Dynamics
	SSAB		Severstal
	NUCOR		NWI Forum
	NIPSCO		Indiana Economic Development Corporation
	Center of Workforce Innovations		Center for Innovation through Visualization and Simulation



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

