TUESDAY, February 6th

11:30 AM
Registration Opens and Exhibitor Booths Open

12:30 PM - 1:00 PM

Opening Remarks & Welcome

1:00 PM -1:30 PM
Performance Report - Digital Innovations in Gulf Coast Industrial Complexes
Speakers:
George Perrett, Operational Excellence, Peri USA

Outline of AFPM's initiative to find solutions to increase productivity whilst reducing headcount, highlights five best practices transferred from overseas operations to Louisiana.

Discussion on Operational Excellence, working with global industry to identify and promote safe, efficient and best practices that allow increased productivity with a reduced workforce.

Presentation showcases digital innovations, new construction processes and new products being implemented.

1:30 PM -2:15 PM
Industry 4.0 Panel: Digitalization, Automation & Tech in Operations
Speakers:
Jacob Gleason, Capital Projects Digital Advisor, Chevron/Chair Technology Committee, CII

Key Panel Topics:

- Efficiency in Operations
- Robotics & Automation
- Digitalization of Projects & Construction

2:15 PM - 2:45 PM
Break and Exhibitor Booths Open

2:45 PM - 4:15 PM
TEC Talks

2:45 PM - 3:00 PM
Innovative New Approaches to Construction Workforce Development
Speaker:
Lisa Strite, Chief Learning Officer, NCCER

3:00 PM - 3:15 PM
Dull, Dirty & Dangerous? Using Robotics is the Future for Industrial Cleaning
Speaker:
Mike Arcediano, VP Operations, EcoRobotics

Robotic technology is being focused on providing safe and environmentally-friendly industrial cleaning and bulk removal solutions.

Using remote-controlled robotic technology, eliminates the need for human entry into confined spaces by providing safe, efficient, and cost effective alternatives.

Robotic cleaning systems are engineered to remove waste more effectively than human crews and are able to work non-stop across shifts even in hazardous environments.

Real-world case studies on successful deployments for tank sludge removal.

3:15 PM - 3:30 PM
Elevate Your Training With Immersive Learning & AI
Speaker:
Sarah Green Toews, VP of Learning Innovation, **Alliance Safety Council**

Research shows that immersive learning increases retention and leads to a positive learning experience. Yet, many organizations struggle to secure the budget and scale such technology. 3D simulated online learning can elevate your training – without headsets or hardware. Legally defensible immersive learning at scale is possible.

This session will cover:
- *What to look for in immersive learning content*
- *How to implement and scale immersive learning*
- *How to ensure success – Best Practices*

3:30 PM - 3:45 PM
Navigating the Unknown & Avoiding the Money Pit: How to Successfully Shop for Software Solutions
Speaker:
Gina Martiny, Partner, Clean Coders Studio, LLC

- *How to efficiently and effectively add to your tech stack for new digitalization initiatives?*
- *What benefits are industrials getting from smarter software decisions?*
- *What to avoid to ensure your software solution partners can really perform?*

Learn best practices and proven easy steps for managing software options, custom software vs SaaS, and the important questions to ask both internally and to any development team before signing a contract

3:45 PM - 4:00 PM

Digitizing Industrial Sites & Construction With Robotics and Data

Intelligent robotic hoists for construction and industrial sites, improving safety, welfare, and profitability in construction.

Meet your new digital coworker LIFTBOT - a robotic hoist system empowered by the data analytics platform. In scaffolding, our solution addresses labor shortage, saves up to 70% of labor costs, and improves working conditions for your employees.

We provide operational data to our customers, enabling more proactive management of both individual projects and companies overall.

4:00 PM - 4:15 PM
Connecting the Disconnected Workforce

Enabling your Greatest Resource: The Frontline Worker

Representing over 3 billion workers globally, the frontline workforce is the ultimate, and most disenfranchised, resource available.

By enabling every worker with technology, builds a mass network of connected workers at scale, granting industrial operations the visibility into their frontline that's never been possible. Using communication, safety, and data-driven solutions.

Learn how industrial and manufacturing leaders elevate their most powerful resource: the frontline workforce.

4:15 - 4:45 PM
Break and Exhibitor Booths Open

4:45 PM - 5:30 PM
Safety & Training Tech Panel: Today's Connected & Augmented Workforce

Speakers:
Coila LaFleur, Enterprise Architect, ExxonMobil

Energy companies and organizations with large scale manufacturing facilities are recognizing the benefits of digital transformation to achieve greater safety, efficiency, optimization and cost reduction.

In this era of workforce disruption and churn, the static or paper processes of old are no longer sufficient to attain production goals.

The digitalization of frontline processes has become a must-have to keep up with the velocity of change – but not just digitalization … smart digitalization.

Connected worker solutions enabled by connectivity, data analytics and AI are driving collaboration and informed decision making on the frontline for sustainable change, but what are the essential considerations you will need to make as you plan your connected worker project delivery?

Key Topics:

- *Workforce Optimization & Training*
- *Connected Workforce*
- *Utilizing safety tech and wearable technology*
- *Bridging the Knowledge gap and onboarding/training with technology*

5:30 PM - 7:00 PM
Cocktail Reception and Exhibitor Booths Open

WEDNESDAY, February 7th

7:45 AM
Breakfast and Exhibitor Booths Open

8:30 AM - 9:00 AM
Rethink & Automate: Using AI to Make Assets More Reliable & Cost Effective
Speaker:
Charles Masters, Senior VP, IBM

The goal: higher productivity and better decision-making at lower cost and greater speed

Currently, only 54% of AI projects make it from pilot to production, and the ROI on enterprise-wide initiatives averages 5.9%, well below the typical 10% cost of capital. To be impactful, AI should integrate into existing workflows and systems, automating key processes across business and IT – for growth and cost reduction.

How can you prioritize the most rewarding opportunities to streamline work, increase operational efficiency and improve customer experiences – and then put those opportunities into action and optimize for continuous improvement?

Learn how AI is being deployed throughout Industrial and Manufacturing projects successfully

9:00 AM - 9:45 AM
AI/IIoT Playbook for Industry Panel

9:45 AM - 10:15 AM
Break and Exhibitor Booths Open

10:15 AM - 11:45 AM
TEC Talks

10:15 AM - 10:30 AM
Institutionalizing Manufacturing Excellence: Capturing, Transferring and Preserving Know-How in a Digital Era

Speakers:
Christian McDermott, VP of Americas, Voovio
Francis Montemurro, Director of Operations, Voovio

- ○ *Navigating the challenges of workforce turnover and scarce Subject Matter Experts*
- ○ *Retaining and preserving undocumented, equipment-specific knowledge*
- ○ *Locking in best-practices in operations & maintenance*
- ○ *Impact: successful implementations of a digital knowledge capture platform within oil & gas and industrial manufacturing*

By 2030, 75% of senior SMEs will have retired.

How do you help prepare your workforce?

Technology offers several proven solutions including; using digital replicas & simulators to enable the process industry to onboard operators more efficiently, reduce downtime, increase productivity & ensure competency faster than ever before.

10:30 AM - 10:45 AM
Unveiling the Connection Between Lemon Juice, Online Training, and Artificial Intelligence
Speakers:
Kathy Trahan, CEO, Alliance Safety Council
Robert Day, Managing Director, Integrity Advocate

A discussion focused on leveraging the strengths and addressing the challenges of utilizing artificial intelligence to maintain the efficacy and legal defensibility of online training and assessments.

This session will:

- *Show how AI enhances the integrity of online training*
- *Address the challenges of using AI as a proctoring solution*
- *Demonstrate how human and artificial intelligence can (and should) exist cohesively*

10:45 AM - 11:00 AM
Additive Manufacturing/3D Scanning for Industrial Projects: The Beautiful Disruptor
Speaker:
Jace Dugas, CEO, Additive Innovators

How companies across the globe are implementing Additive Manufacturing and 3D scanning to reduce cost, reduce carbon footprint, reduce lead times, reduce logistics, reduce inventory, and combat the labor shortage.

11:00 AM - 11:15 AM
Using 3D Digital Twins and Virtual Design to Eliminate Risks & Plan Critical Operations

Design and upgrade your heavy industrial facilities from the command center of your desk.

Today's software programs let you quickly experience CAD designs through our VR platform to provide ground-breaking immersion into your project.

Real world cost-effective, time-sensitive planning tools so you can eliminate risks before construction begins and train operators before they encounter real-life scenarios.

11:15 AM - 11:30 AM
Turning Real-Time Insights Into Immediate Action
Speaker:
Zack Steffen, Director of Industrial Group, Trackonomy Systems

11:30 AM - 11:45 AM
TEC Talk

11:45 AM - 12:15 PM
Break and Exhibitor Booths Open

12:15 PM -1:00 PM
Sustainability/Energy Transition/Emissions Tech & Projects Roundup

Key Topics:

- *Advanced Recycling*
- *CCUS- Carbon Capture & Sequestration Technology*
- *Hydrogen Projects & Tech*
- *Methane Emissions- LDAR*

1:00 PM
Closing Remarks

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