The business of shipbuilding is facing radical evolutions, with a prolonged consolidation period resulting in tougher competition, but also new kind of demands. Integrated solutions, Integrated Data and better overall management of the processes is essential to create a robust digital twin and to enable shipyards to become more agile and offer new services. Hear from yards at the forefront of this evolution in this panel discussion.

Infrastructure operators such as cities, transportation providers, and water utilities are facing increasing challenges to reduce operating costs and improve customer experience. To do this, they need a holistic view of data, KPIs, status, alarms, and work assignments across all operational systems. Discover how leading infrastructure operators are leveraging industrial software to transform the way they deliver public services.

In today's competitive landscape, manufacturers are challenged to identify improvement opportunities within their hybrid and batch value chain. This session examines the benefits of a digital transformation of this value chain and how to address this challenge through a sustainable digital platform that can adopt global best practices and continuous improvements and grow with the business.
14:30

Break & Expo

15:00

Visualizing Tomorrow
Industry 4.0 in the hybrid industries

Host:
Sara Volpe, VP Portfolio and Industry Marketing

Speakers:
Luis Enrique Martinez, Engineering Director, Dal Tile
Mr Mike Kershaw, Technical Director, Borg Manufacturing
Andrea Violetti, Director General, Farchioni Olii
Keith Chambers, VP, Operations Management Software, AVEVA

Industry 4.0 promises to deliver a robust information technology framework, giving rise to a new operational architecture. Operations and maintenance can benefit from unparalleled insights brought forth by the digital twin, whose function is modelled by big data collected via IIoT to perform analytics such as planning, optimisation and predictive analytics. This session discusses how a unified operations management riding on Industry 4.0 enables real-time monitoring and control, plant-wide visualization and asset performance management.

Maximize Return Across the Asset Lifecycle

Asset Performance Management reduces risk, improves reliability and enhances safety

Host:
Kim Custeau, SVP Asset Performance Management, AVEVA

Speakers:
Jane Arnold, Head of Global Process Control Technology, Covestro
Sameer Sariry, Digital Transformation, Petroleum Development Oman
Craig Resnick, ARC Advisory Group
Irene Fastelli, Head of New Technologies & Business Opportunity, ENEL
Joris Verlinden, APM Performance Strategy, AVEVA

The ability to identify, diagnose and prioritise impending equipment problems in real time can prevent costly failures and reduce downtime, allowing you to unlock the full potential of your assets and your people. Adopting predictive maintenance strategies can increase asset utilisation while driving operational excellence. In this panel, learn directly from customers how asset performance management solutions advance their enterprises through improved reliability, safety, efficiency, and profitability.

16:30

Break

18:00

Gala Reception

19:30

Gala Dinner, Level 5 Plenary Room
Cultural, technological, and regulatory drivers are converging to drive the biggest transformation the marine industry has undergone since the 1970s. Creating a digital laser scanning to create the “digital twin” to optimize operations planning and overhaul scheduling. Drawing on lessons from smart factories, the digital twin can further creates the opportunity to use Asset Performance Management (APM) solutions for better informed maintenance planning and predictive analytics. These digital solutions supporting the vessel in fleet or ongoing operations, unplanned rework, and downtime. With the technology available today, smart and autonomous ships are no longer a far off vision but part of the discussion when envisioning the future of the industry. This panel discussion will explore the current state, short term, and long term visions for achieving operational excellence with leading companies across the marine sector, from the shipbuilding and operating point of view, as well as the intersection of both.

From source, to use, to reclamation, water is the lifeblood of any city. With rising urbanization pressures and no substitute for water, maximising the performance of the entire urban water cycle is a critical sustainability imperative for any municipality. In this session, water utilities and network operators will discuss how digital transformation throughout the water cycle has enabled them acquire, treat, distribute, and reclaim water as optimally as possible in service of their communities.

The plant of the future is defined by a true “living” digital twin, with insight into assets, engineering, processes, and supply chains, and the technologies to address plant and field issues for their assets. Coupled with 360° visualisation, this integrated value chain reduces unplanned downtime, enables proactive enterprise agility, and optimises engineering and maintenance. In this panel, learn directly from customers how they are optimizing their value chain to increase asset utilisation through higher manufacturing efficiency and integrated operations, thus delivering improved profitability.

Facing dynamic security concerns, ageing assets, and skyrocketing demand, infrastructure operators such as cities, transportation providers, and water utilities are turning to digital transformation reduce risks and costs in their operations. In this session, learn how leading infrastructure operators are leveraging asset performance, digital twin, and situational awareness solutions to ensure continuity of service and rapid response to a constantly-changing service environment.
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<td>15:00</td>
<td>Break &amp; Expo</td>
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| 15:30 | Closing Plenary: Accelerate your Digital Innovation | Alain Poincheval, SVP Offshore & Onshore and President, France, TechnipFMC  
|       |                                            | Dick Wynberg, Project Director, Shell Downstream Project Singapore       |
|       |                                            | Steen Lomholt-Thomsen, Chief Revenue Officer, AVEVA                      |
| 16:45 | Expo Close                                  |                                                                          |