

"Engineering Asset Management in the 4IR Scenario"



THE 15TH WORLD CONGRESS ON ENGINEERING
ASSET MANAGEMENT

BONITO - BRAZIL

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FUNDAÇÃO
UNIVERSIDADE
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MATO GROSSO DO SUL



ISEAM

International Society of Engineering Asset Management



BATLAB

CALL FOR PAPERS

"ENGINEERING ASSET MANAGEMENT IN FOURTH INDUSTRIAL REVOLUTION SCENARIO"

The scope of WCEAM 2020 encompasses, but is not limited to, the following major topics:

- Asset valuation, acquisition, and disposal options
- Servitisation, product-service transformation, and product-service systems
- Asset operations and maintenance strategies
- Sustainable asset operations and maintenance processes
- Dynamic modelling and simulation of asset operations and maintenance
- Reliability and resilience engineering
- IOT and applications of smart and intelligent sensing and instrumentation
- Condition monitoring, diagnostics, prognostics, and asset health indexing
- Industry 4.0 platforms and interoperability of ICT systems
- Augmented and virtual reality applications
- Artificial intelligence, big data analytics, and machine learning applications
- Application of distributed ledger technologies (e.g., blockchain)
- Asset condition, risk, resilience and vulnerability assessments
- Asset management and decision support systems
- Applications of international and local guidelines and standards
- Refurbishment, renovation, replacement, upgrade decisions and actions
- Human dimensions and asset management performance.

NOV. 29 /2019

- ABSTRACT SUBMISSION AND SPECIAL SESSIONS PROPOSALS

MAR. 16 /2020

- FULL PAPER SUBMISSION

MAR. 27 /2020

- INDUSTRIAL PRESENTATIONS SUBMISSION

JUN. 22 /2020

- AUTHOR/PRESENTER REGISTRATION DEADLINE

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