

# CALL FOR PAPERS



**WCEAM  
2020**

AUG 16-19, 2020

BONITO, **BRAZIL**

THE 15TH WORLD CONGRESS ON ENGINEERING ASSET MANAGEMENT

## “ENGINEERING ASSET MANAGEMENT IN FOURTH INDUSTRIAL REVOLUTION SCENARIO”

We are pleased to invite both Academic and Industrial community to submit abstracts describing the proposed paper, work in progress and industrial case presentations. Abstracts should not be longer than 500 words, with no images or pictures.

The abstracts will be peer-reviewed by the International Technical Panel of Reviewers.

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

- Asset valuation, acquisition, and disposal options
- Product-service transformation, and product-service systems
- Asset operations and maintenance strategies
- Sustainable asset operations and maintenance processes
- Dynamic modeling 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
- 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
- Blockchain applications.
- Role of cyber security in asset management
- Asset management in the energy sector
- Asset management in the healthcare sector
- Asset management in the food and beverage industry
- Asset management in the petrochemical industry
- Monitoring, diagnostics and prognostics for smart maintenance
- Asset management in Agro-allied sector
- Air and Sea ports infrastructure and facilities
- Adventure and wildlife parks infrastructure and facilities
- City and metropolitan infrastructure and facilities

Authors should select one of the following categories for their contributions:

#### Category A

##### (Academic Research Papers - 8-12 single column pages)

Established researchers, Doctoral and Master degree candidates are invited to submit papers describing their research. Such research contributions may be based on conceptual/theoretical, empirical/experimental, or application/practical studies.

#### Category B

##### (Preliminary/Work in Progress Papers - 4-6 single column pages)

This category is for studies which are either at the preliminary or work in progress stage. Very early stage researchers such as final year undergraduate students are encouraged to develop poster presentations of their projects.

#### Category C

##### (Industry Contributions – abstract only)

This category of papers will be for presentation only. Industry practitioners are particularly encouraged to contribute evidence of challenges encountered in practical asset management situations.

### IMPORTANT DATES

~~NOV. 29~~ /2019 **JAN. 31** /2020

- 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



**ISEAM**

International Society of Engineering Asset Management



FUNDAÇÃO  
UNIVERSIDADE  
FEDERAL DE  
MATO GROSSO DO SUL



PPGEE