

ICCAS 2017

INTERNATIONAL CONFERENCE ON COMPUTER APPLICATIONS IN SHIPBUILDING

Singapore
26th. To 29th September

ICCAS

1973	Japan	1997
1976	Sweden	2002
1979	UK	2007
1982	USA	1999
1985	Italy	2011



1988	China	2009
1991	Brazil	
1994	Germany	2015
2005	S. Korea	2013
2017	Singapore	

2017 is the 18th. ICCAS Conference

ICCAS is renowned for high quality papers and extensive international participation

e.g.

81 papers from 19 countries for ICCAS 2015.

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**Advances in Computing Technology have a
fundamental impact on shipyard performance**

Organizations seek improved methodologies, processes and productivity to remain competitive

often by

Implementing stable and proven computing systems.

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ICCAS encourages papers discussing:

Practical use of computing

Implementation/operational considerations

and

Achieved or perceived benefits

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Successful papers focus on:

Advances made in use of information and computing technologies that address:

Improvements in

Design
Productivity
Schedule
Cost
Quality
Performance
Operability

Innovation in

Methods
Use of Tools
Manufacturing
Standards
Processes
Organisational –
adaptations

Success in

Implementation
Research
Development
Information and
Data Management

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Typical Topic categories – (not exhaustive)

IT in Design	IT in Manufacturing	Information Technology	Other use of IT
Early/Functional/Detail Analysis/Calculations Simulation Integration Modelling Methodologies Arrangement Layout Design approval/Sign off Output for Production Cost & work Estimation Classification e-approval	Planning Part Manufacture/Assembly Accuracy/Distortion control Steel cutting/Forming Robotics/Automation Lifting/Moving/Turning Prefabrication/Outfitting Test and Commissioning Digital Manufacturing	CAD/CAM/Digital Mock-up Modelling Methodologies VR & Visualisation Augmented Reality Systems Integration Data Exchange Co-operative Working Database Technologies Document Management Version/Release control	Information Sharing Materials Management Procurement Project Control Improvement of Processes Skill/Knowledge Retention Knowledge Based Systems Industry/Academia Vendor Developments Mobile Technologies
IT for Offshore Tools and methods used for design, build and operation of specialist support ships and floating platforms			

See next sides

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IT in Design

Early/Functional/Detail
Analysis/Calculations
Simulation
Integration
Modelling Methodologies
Arrangement Layout
Design approval/Sign off
Output for Production
Cost & work Estimation
Classification e-approval

(not exhaustive)

Other use of IT

Information Sharing
Materials Management
Procurement
Project Control
Improvement of Processes
Skill/Knowledge Retention
Knowledge Based Systems
Industry/Academia
Vendor Developments
Mobile Technologies

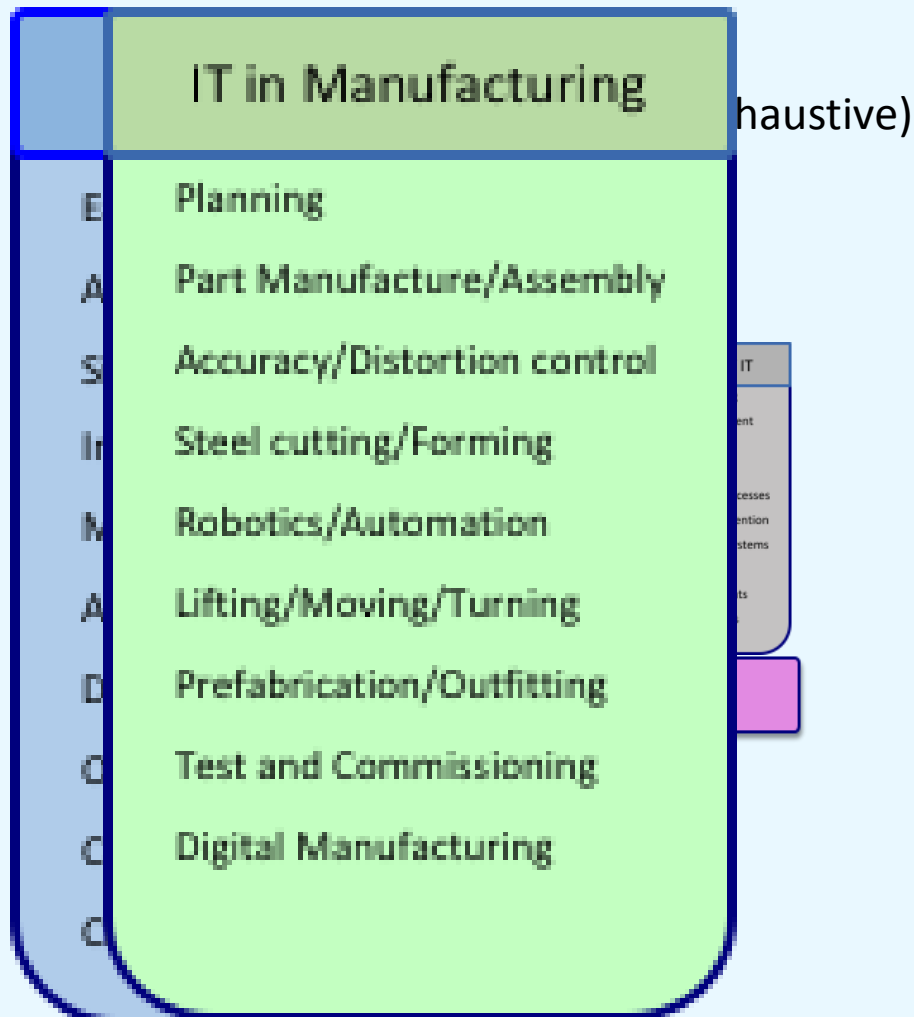
and floating platforms

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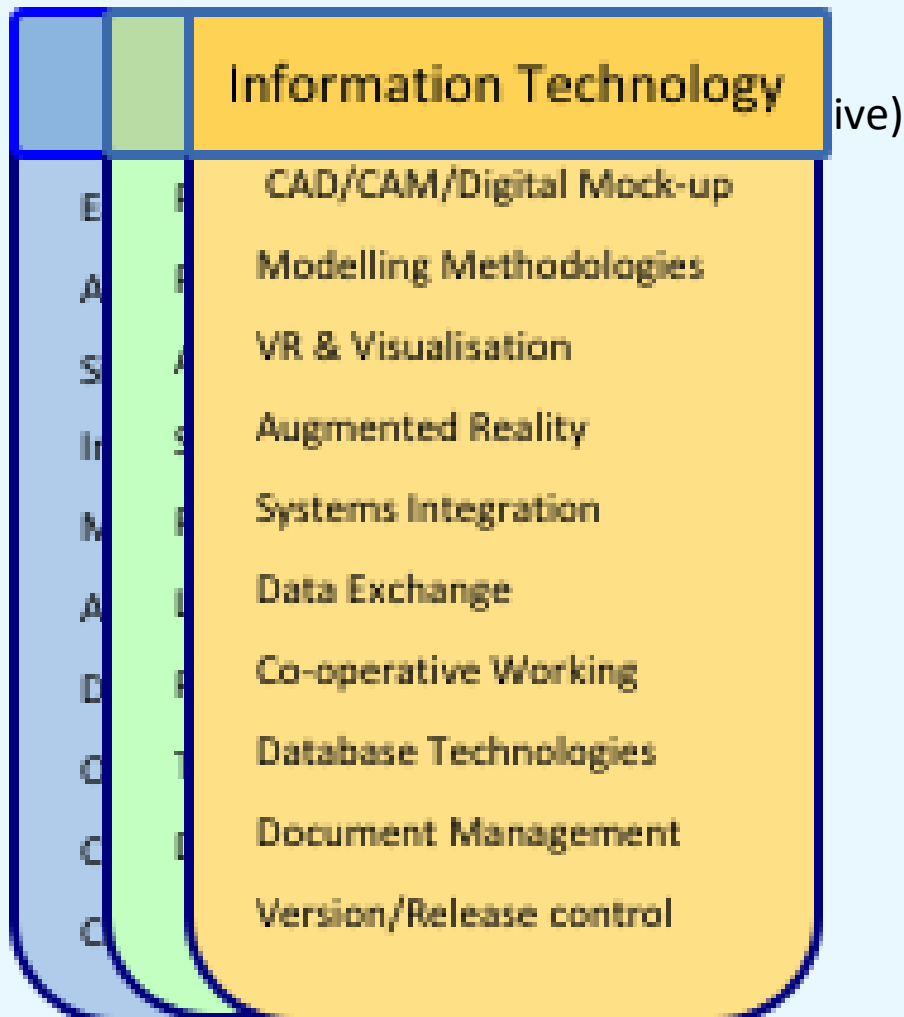


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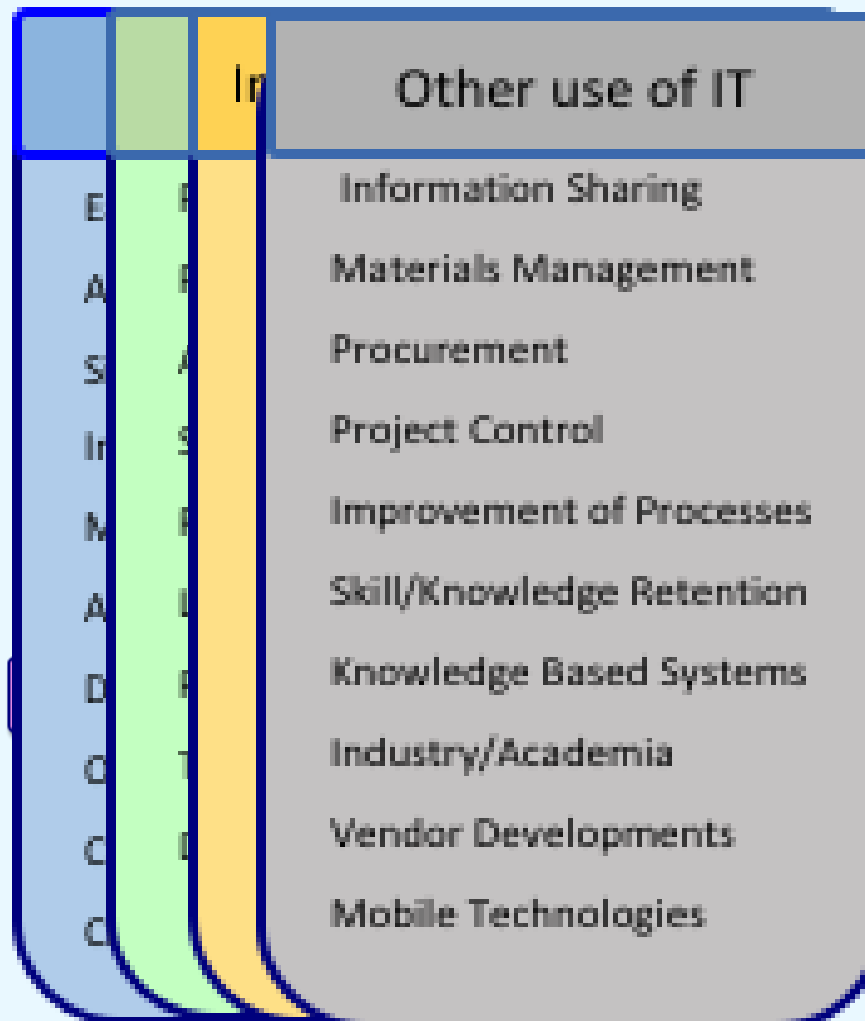


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IT for Offshore

Tools and methods used for design,
build and operation of specialist
vessels

Such as:

support ships and floating platforms
for
renewable energy
and
oil/gas/mineral exploration

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What's Special about ICCAS?

Papers are based on ***Practical Experience***.

Quantity of countries participating.

High Quality of Papers.

Extensive variety of topics addressed.

True State of the Market
NOT
Unproven State of the Art!

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Why Submit an ICCAS Paper?

An excellent chance to present to an global audience,

the

knowledge and experience of an organization

particularly:

the quality of it's engineers

the value of products or services offered

international availability and status

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Why Attend ICCAS?

To understand the (proven) success and benefits of applying advanced computing technologies in the industry.

To discuss common problems with international peers.

To visit a local shipyard and see how they operate

To compare methodologies and practices with global successful organizations.

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How to Submit an ICCAS Paper?

Choose a subject

Write a 250 word abstract

Submit abstract to RINA at address below

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Need Help/advice on topic or content?

Contact John Martin

on

samosc@btinternet.com

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ICCAS 2017: SINGAPORE



ABSTRACTS DUE 5TH. FEBRUARY 2017

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