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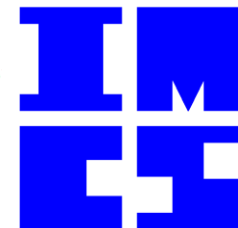
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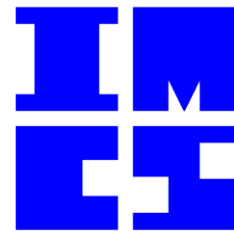
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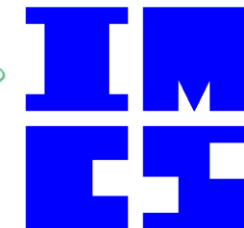
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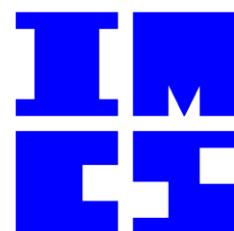
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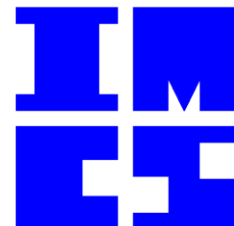
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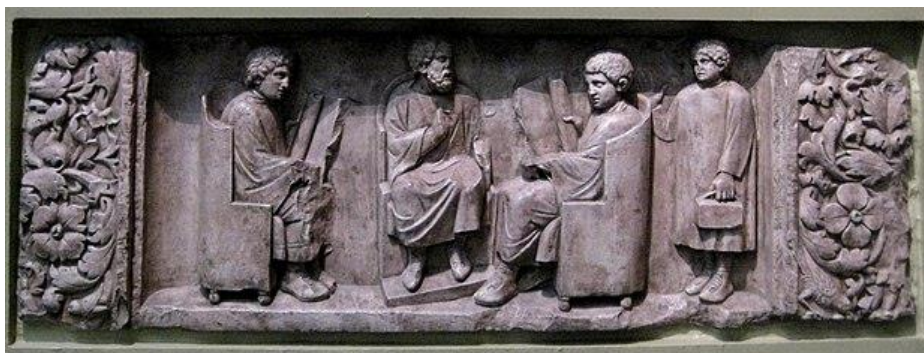


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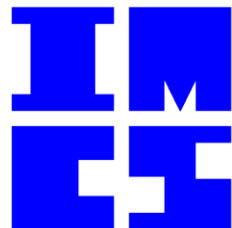
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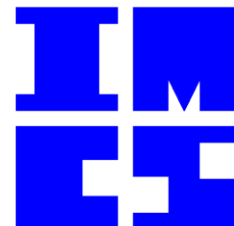
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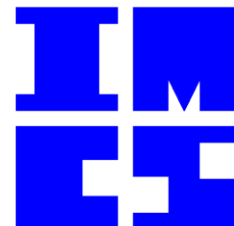
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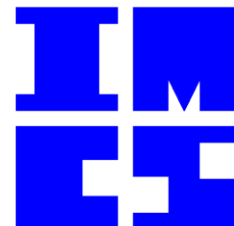
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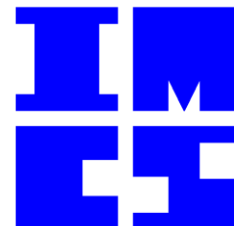
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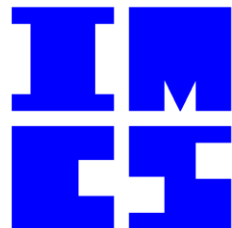
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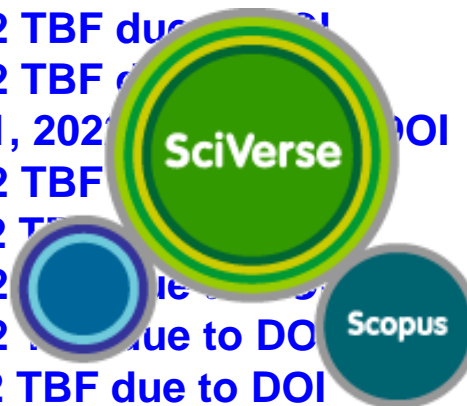
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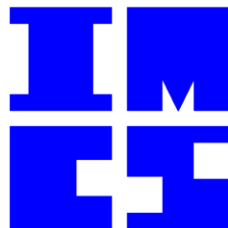
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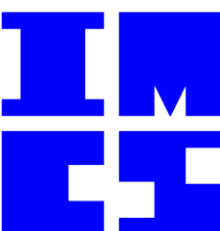
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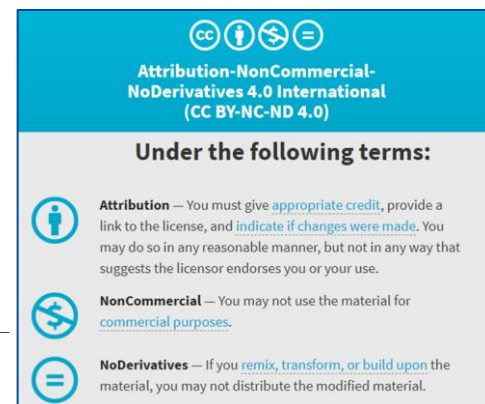
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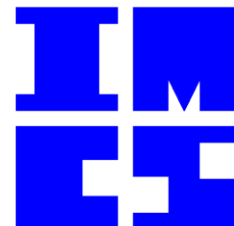
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Effects of Arrival Uncertainty on Solver Performance in Dynamic Stacking Problems

Sebastian Ragg^{1,2,*}, Andreas Beham¹, Stefan Wagner¹ and Michael
Affenzeller^{1,2}

¹University of Applied Sciences Upper Austria, Hagenberg, Austria

²Johannes Kepler University, Linz, Austria

*Corresponding author. Email address: Sebastian.Ragg@fh-ooe.at

Abstract

In this paper we present a dynamic stacking problem with uncertainty. We developed a simulation environment, an optimizer for solving it, and performance measures to determine the success of the optimizer. The problem requires handling

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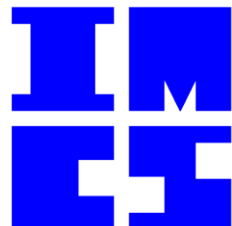
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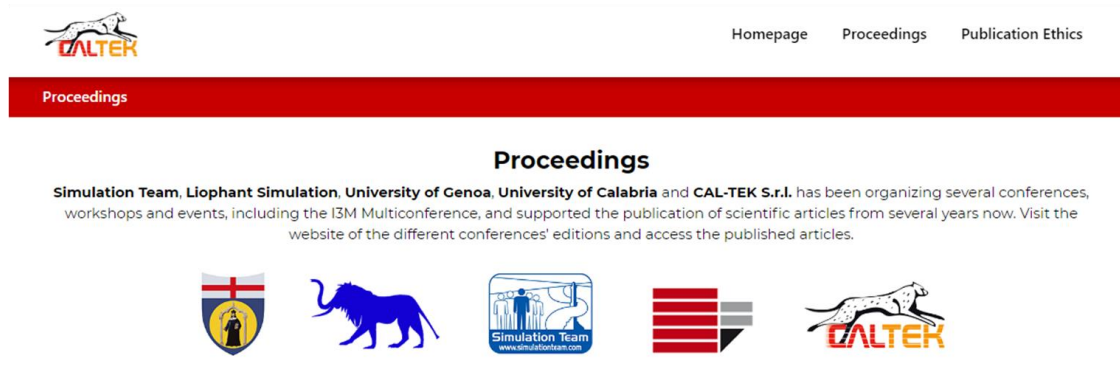
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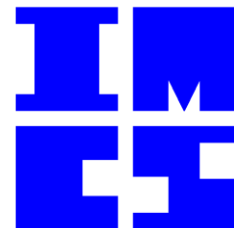
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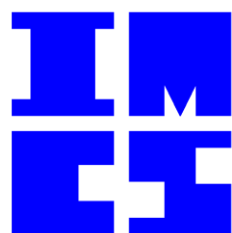


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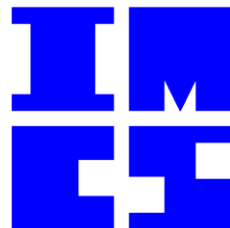
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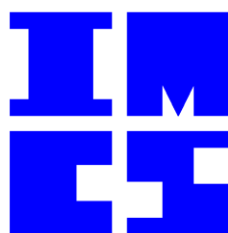
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31st European Modeling and Simulation Symposium, EMSS 2019, Pages 384-389
31st European Modeling and Simulation Symposium, EMSS 2019; Lisbon; September 2019; Code 151964

Improving data consistency in industry 4.0: An application of digital lean to the maintenance record process (Conference Paper)

Longo, F.^a Nicoletti, L.^b Padovano, A.^a Bruzzone, A.^a Mirabelli, G.^a Solis, A.^d Fusto, C.^a Frangella, J.^a Gazzaneo, L.^a

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^aDIMEG, University of Calabria, Arcavacata di Rende (CS), Italy

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We are completing this work since end of I3M2020, coding last editions and moving back to first ones to get fully coverage

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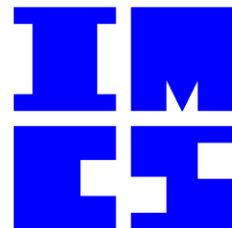
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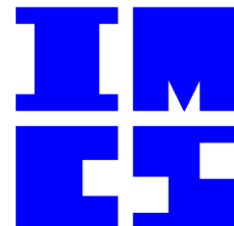
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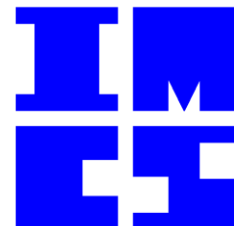
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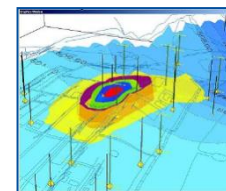


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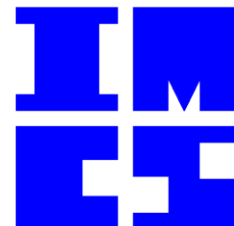
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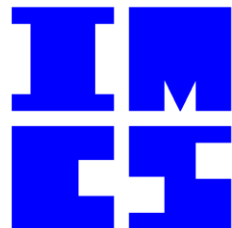


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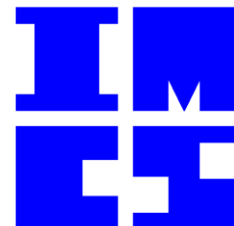


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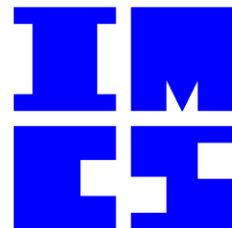
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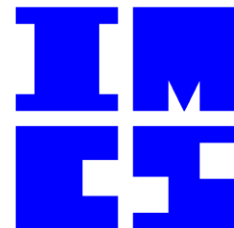
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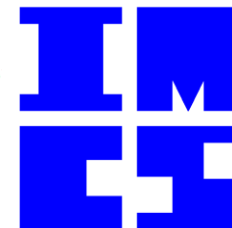
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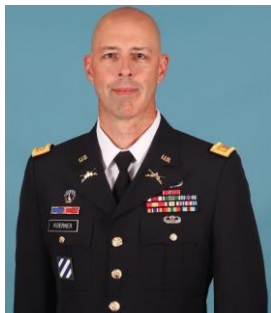
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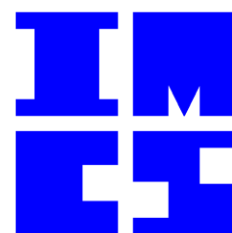
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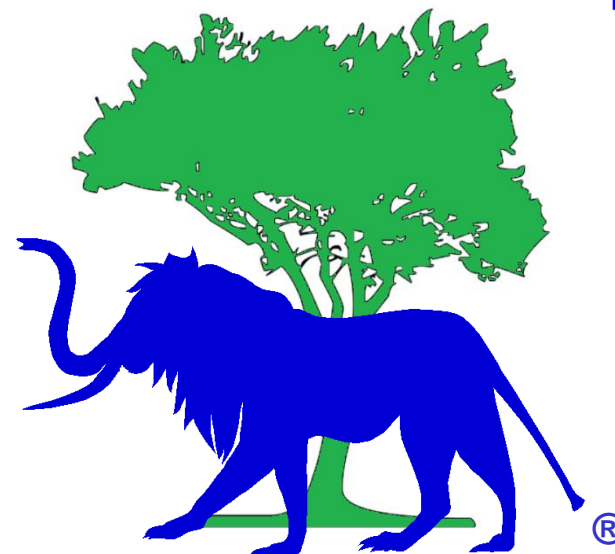


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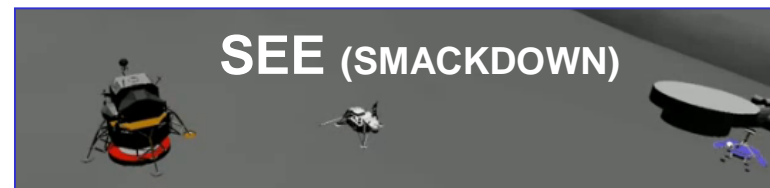
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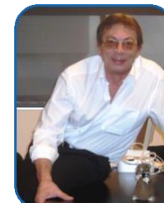
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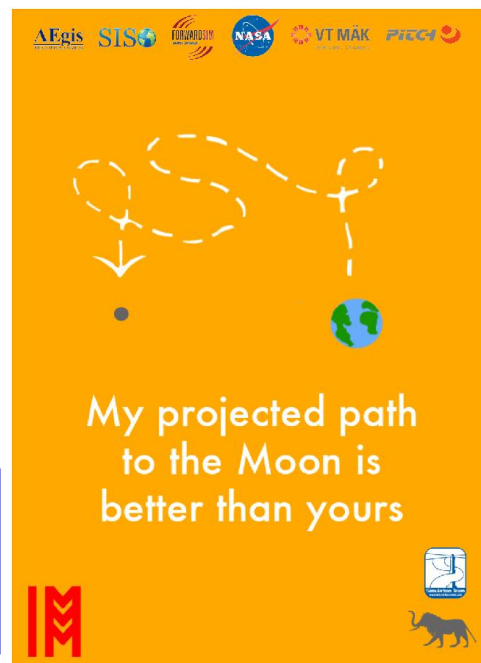
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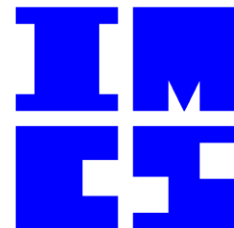
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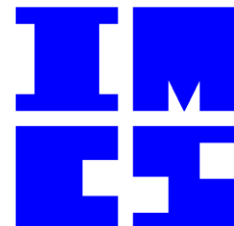
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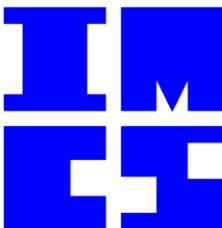
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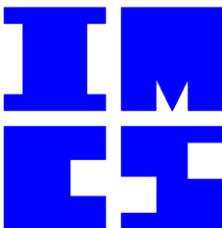
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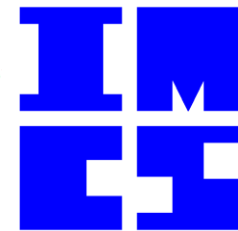
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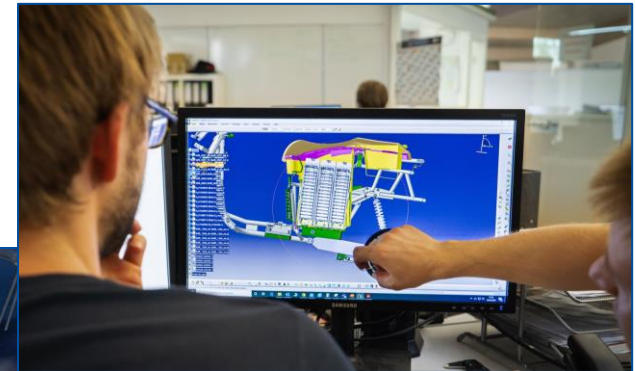
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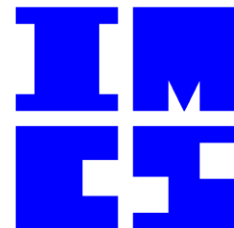
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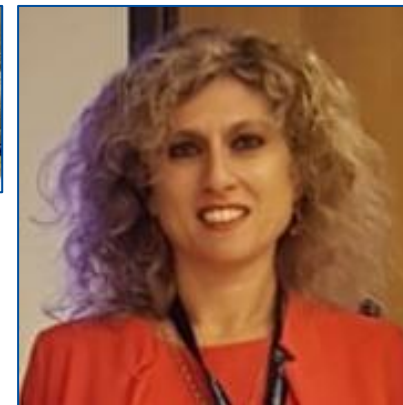
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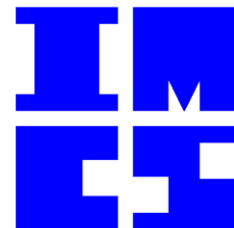
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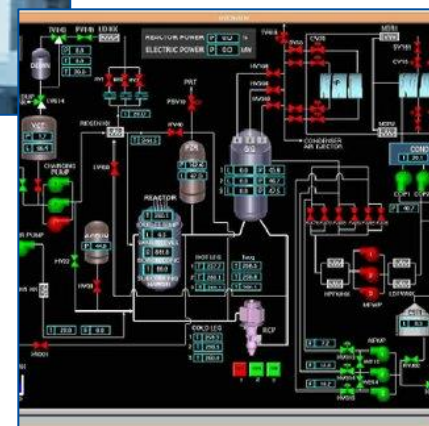
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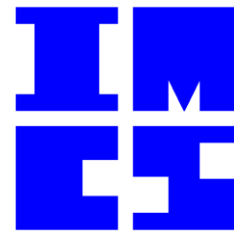
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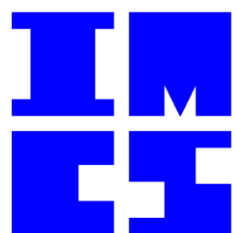
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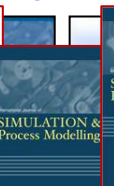
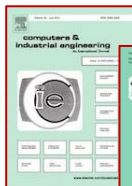
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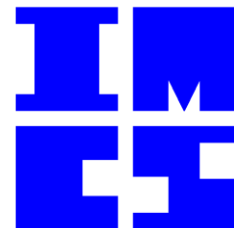
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I3M Cocktail Party



**Acquaroom
Terrazza Molinari
via del Vantaggio 14,
Roma**

**1830-2000 CEST
Monday, September 19, MMXXII
I3M Cocktail Party**

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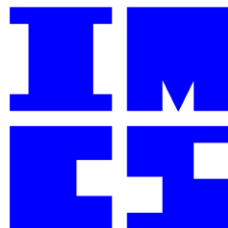
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I3M Gala Dinner



Les Étoiles Restaurant
on 6th floor at),
Via dei Bastioni, 1
Roma Italy

8:30 pm, Tuesday,
September 20, MMXXII
I3M Gala Dinner

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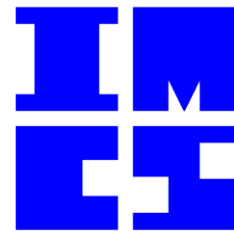
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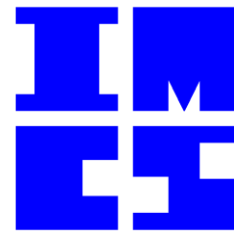


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Welcome to I3M, EMSS, HMS, MAS, DHSS, I WISH, SESDE, FoodOPS and all the Workshops!



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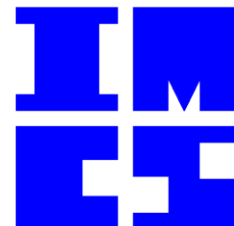
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So Enjoy our
Conferences...
finally back Live

... but don't Forget to fix in
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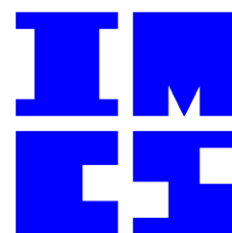
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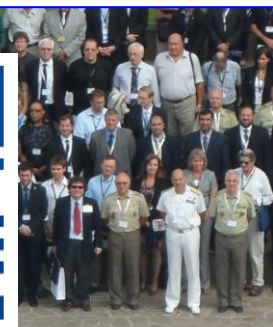
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Multiple Selfies for I3M Pictures



Conference Pictures will be available on www.liophant.org/pic
and Whatsapp <https://chat.whatsapp.com/BICBvaMMxLMBXAUjWDwGsk>



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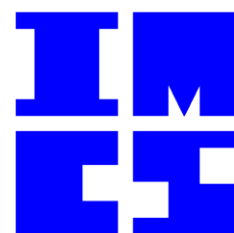
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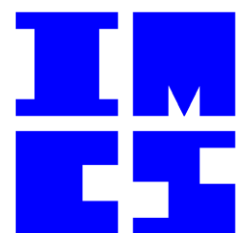
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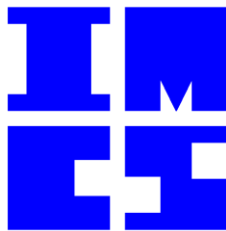
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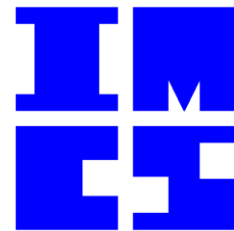
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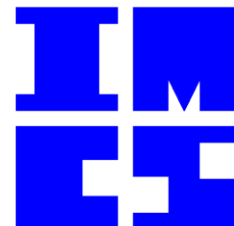
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I3M Special Session

The MISS-MSNet Workshop extended to all attendees will focus on new Universities Didactic and Research Agreements, including scientific collaborations, double degree programs, ERASMUS, new research projects, etc.

Special Session: I3M 2023 and MISS-MSNet Board of Directors Meeting

Thursday, Sept 20, 11:00-12:30 CET

Pitagora

Feel free to attend

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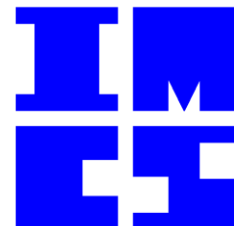
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The STRATEGOS Special Session will introduce the Strategic Engineering as a new Science and Art for winning Decision Making in the 3rd Millenium. All the I3M attendees are invited to attend the session

Special Session: Strategic Engineering PhD & STRATEGOS Initiative

4:00 pm – 5:00 pm CEST

Thursday Sept. 20, Pitagora Room

Feel free to attend to join the initiative



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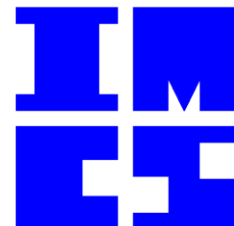
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I3M Special Session

**Marine Safety & Security,
ALACRES2 is an international
Initiative devoted to improve
Safety and Security in Ports**

Special Session: ALACRES2

9:00 am – 10:00 am CEST

Wednesday Sept. 21, Room Pitagora

Feel free to attend



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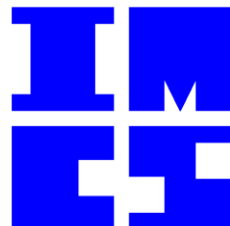
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I3M Special Session

Special Session:
Safety and Security in Marine Ports
10:00 am – 10:30 am CEST
Wednesday Sept. 21, Room Pitagora
Feel free to attend

**Port Safety & Security, are
crucial topics to be addressed in
Ports and several Projects are
on going on these issues**



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**Miguel Mújica Mota & Paolo
Scala chair the Board Meeting of
EUROSIM**



**Federation of
European
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**Special Session:
EUROSIM Board Meeting
11:00 am – 12:30 am CEST
Wednesday Sept. 21, Room Pitagora
*Feel free to attend***

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**Special Session: SMALLDERS Project
by Francesco Longo, Unical
2:00 pm – 3:30 pm CET, Tue 20th, 2022
Pitagora Room
Feel free to attend**

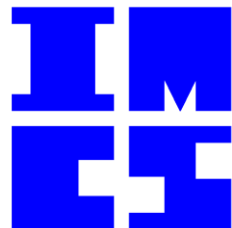


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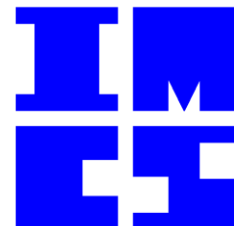
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Gianni Cantice Award for Gifted Simulation Students

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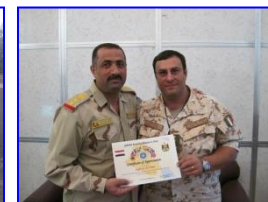
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The day that grief visits our hearts is not a time for short summaries and quick snapshots of our loved one's life. It is a time to remember deeply a man how's ready to sacrifice for Noble Goals, me and all his friend here in Iraq, we will never forget one of Italian heroes and how he helped our People against the Terrorism at the time where the real friend were very few. We will never forget a man with big heart and a sweetest smile such as Gianni.

Gen.Ali Mekki, Iraq Army Forces



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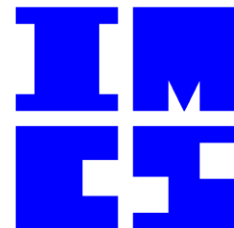
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Norbert Giambiasi Award for Conceptual Modeling Excellence



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Norbert Giambiasi has been a Leading Scientist in International Simulation Community. He was Full Professor in University of Aix Marseille and Founder of LSIS (Laboratoire des Sciences de l'Information et des Systèmes). Norbert was known worldwide as a leader in the field of Modeling and Simulation, and a pioneer of the DEVS (Discrete Event Specification) formalism. He was director of LSIS for many years as well as member of McLeod Institute of Simulation Science, M&S Net, Simulation Team, I_M_CS and Liophant Simulation.



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I hereby confirm to be aware of the term and conditions included in the Simulation Team Bylaw as non-profit Scientific Organization devoted to promote M&S in International Community:

Date & Location: _____ Name: _____ Signature: _____

Proposing Members

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