Breakout Session A-1: Digital Continuum in Logistics

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Takeaways:

Is it all Digital Continuum necessary?

Ageing, labour shortage

It is fascinating but need to understand the meaning

Huge need for standardization

Big societal need – would you like to see your children working as order pickers or in warehousing?

How much validated is the simulation

It is not just intralogistics (within the facilities) but also urban logistics

Acceptance level of robots by employees

Teaching materials:

How to make our programs more attractive:

- More handsome
- More practical exercises on digital twin CPS
- Limited number of credits
- How to keep pace with technological advancements
- How to create more collaboration among teaching institutes, with exchange programs or collaborative programs
- IE programs have the key advantage of designing systems of assets developed by other folks
- How to change from more frontal lecturing to team working, learning by doing etc...
- Open source for simulation
- What to teach them: how to teach themselves new things.
- How to update us in new teaching methods
- How to let students understanding the new ways of learning.

Research:

- Different decision-making format?
- Logic, physical sense, link to reality VS AI, ML etc...
- Many online problems, different problems, objectives, changes over time, but also changing on assets and roles of the games.
- Scalability of what we have seen?!?
- Research gaps about decentralized decision making
- Mix of human behavioral and operations physical simulation