

World Café 2 – Reconciling/Crystalizing the Topics

- Aspect “Cyber vs Physical”:

- *Make stakeholders from one side **learn** more about the other*

Could be done on a “per topic” basis:

- How does the other side does verification?
- How does the other side organizes their development?
- How does the other side does simulation?
- ...

- *Try to marry both sides*

Also on a “per topic” basis:

- Any possibility to integrate the way mech. engineers do verification with the way SW engineers do verification?
- Idem for development method?
- Idem for simulation?
- ...

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- Characterization of CPS

- *Some topics taken alone are not CPS specific, but considering them in the context of CPS opens new **problems**:*
 - Security
 - AI
 - Simulation
 - HMI
 - ...
- *Some topics taken alone are not CPS specific, but considering them in the context of CPS opens new **opportunities**:*
 - DSE
 - ...

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- Identification of a list of challenges

First suggestions:

- Provide a clear, concise definition of CPS
- Define a science (or engineering?) of CPS
- Ethical issues of AI: is there bias? Is it acting in my best interest?
- Define a “CPS level” similar to autonomous driving levels
- Machine learning to control a machine: how to ensure safety?