What kinds of initiatives are needed to create the next generation of CPS scientists and engineers?

Paulo Tabuada

Cyber-Physical Systems Laboratory
Department of Electrical Engineering
University of California at Los Angeles

Lab **UCLA**
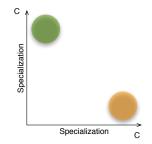
The perils of homogeneity

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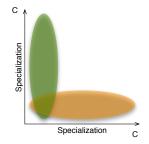
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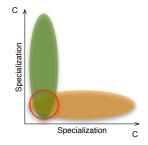- But not *too* well versed...

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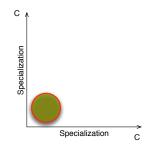
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    - Do you prefer to discuss with someone that shares your points of view, or with someone with a different opinion?
    - Do you prefer to collaborate with someone that works in your area or in a different area?
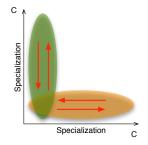
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Education in a heterogeneous world

How do we create high quality educational materials, providing a common understanding of the different areas in CPS, while being flexible enough to serve the needs of educators with different perspectives?

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Education in a heterogeneous world

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Repository of micro-modules

- Experts create micro-modules in their areas of expertise;
- Modules can be combined in different ways to create courses offering different perspectives;
- Small effort requested from each participant and large benefits to the overall community;
- New modules can be added to reflect recent advances in each one of the areas.