

Panel Discussion TeaConc'06

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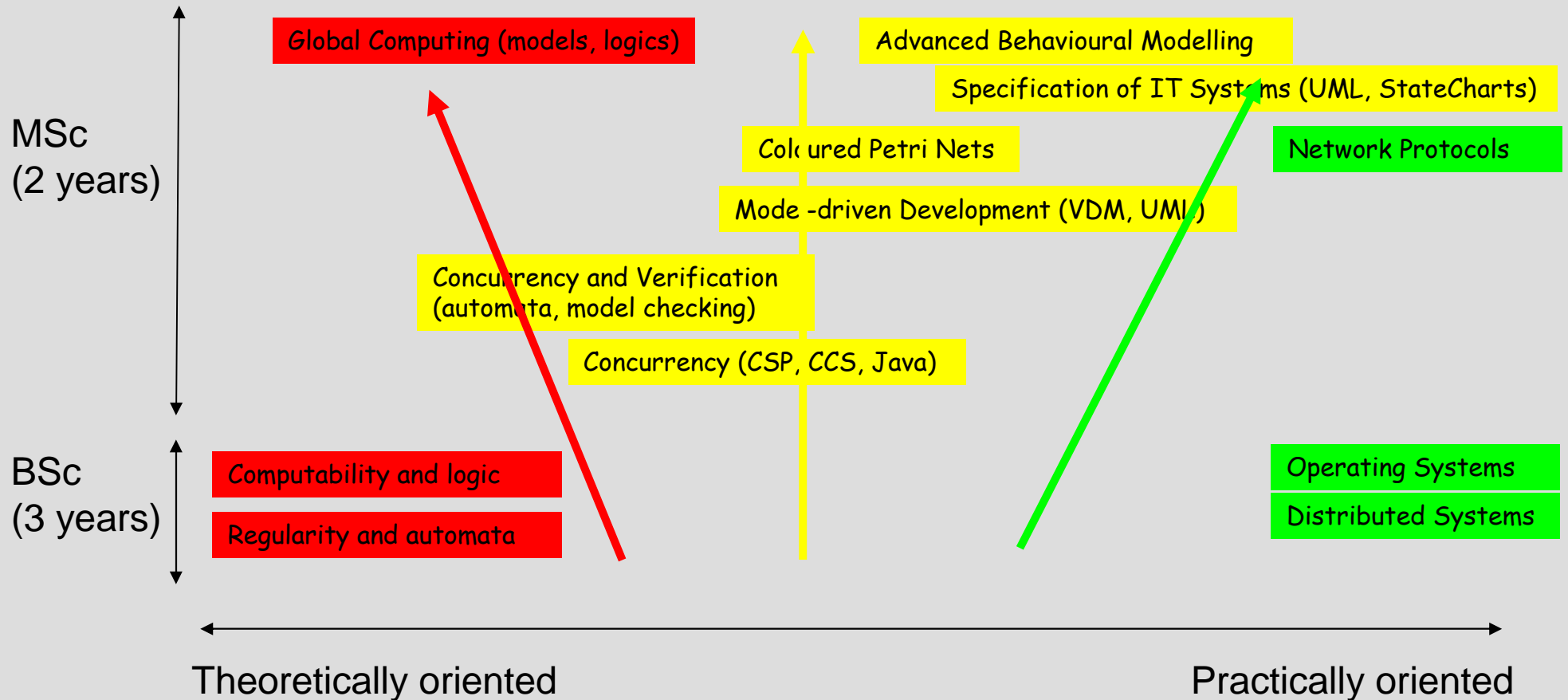


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The Concurrency Zoo at CS Dept., University of Aarhus

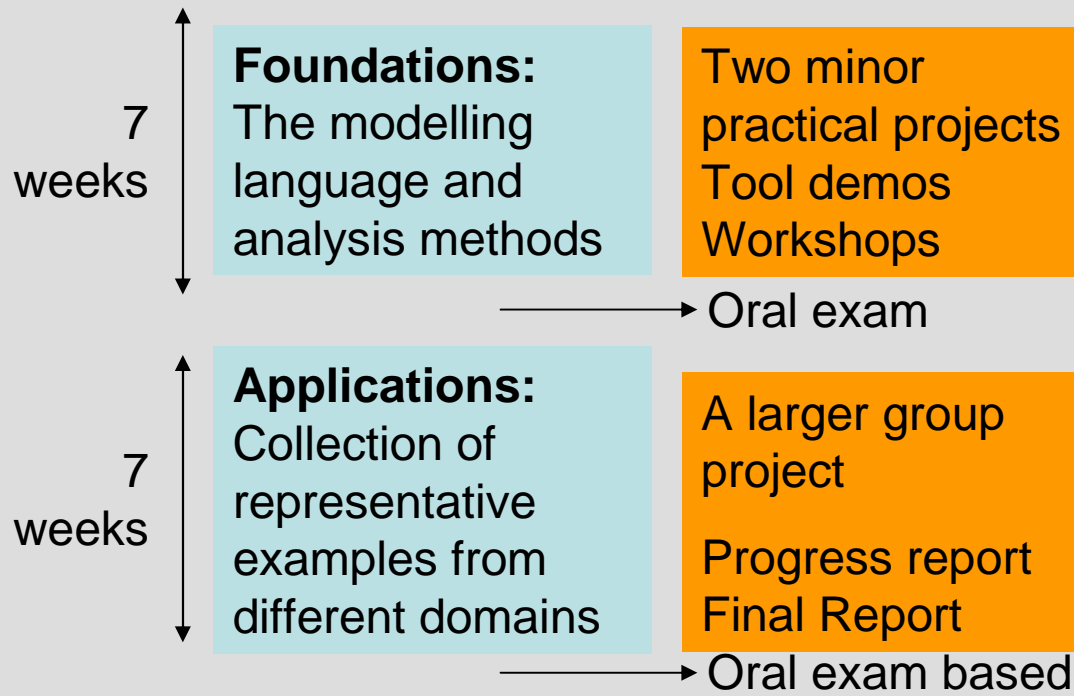


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Coloured Petri Nets – Modelling and Validation of Concurrent Systems*



Underlying philosophy:
Teach CPNs as a programming language.

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Coloured Petri Nets

Modelling and Validation of Concurrent Systems

*See: www.daimi.au.dk/~kris/CPN



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Input for the Discussion

- **Is modelling overlooked?**
 - Building an executable model is in many cases equally or more valuable than conducting verification.
 - How to teach the art of building models? Methodology?
 - Are students exposed to complex systems that makes the value of constructing executable formal models explicit?
 - Is the current state of the modelling languages sufficient?
- **Technology transfer through teaching?**
 - Exploit that the mathematics to a large extent can be hidden.
 - Existence of high quality computer tools is critical.
 - Formal modelling and validation in system development?

