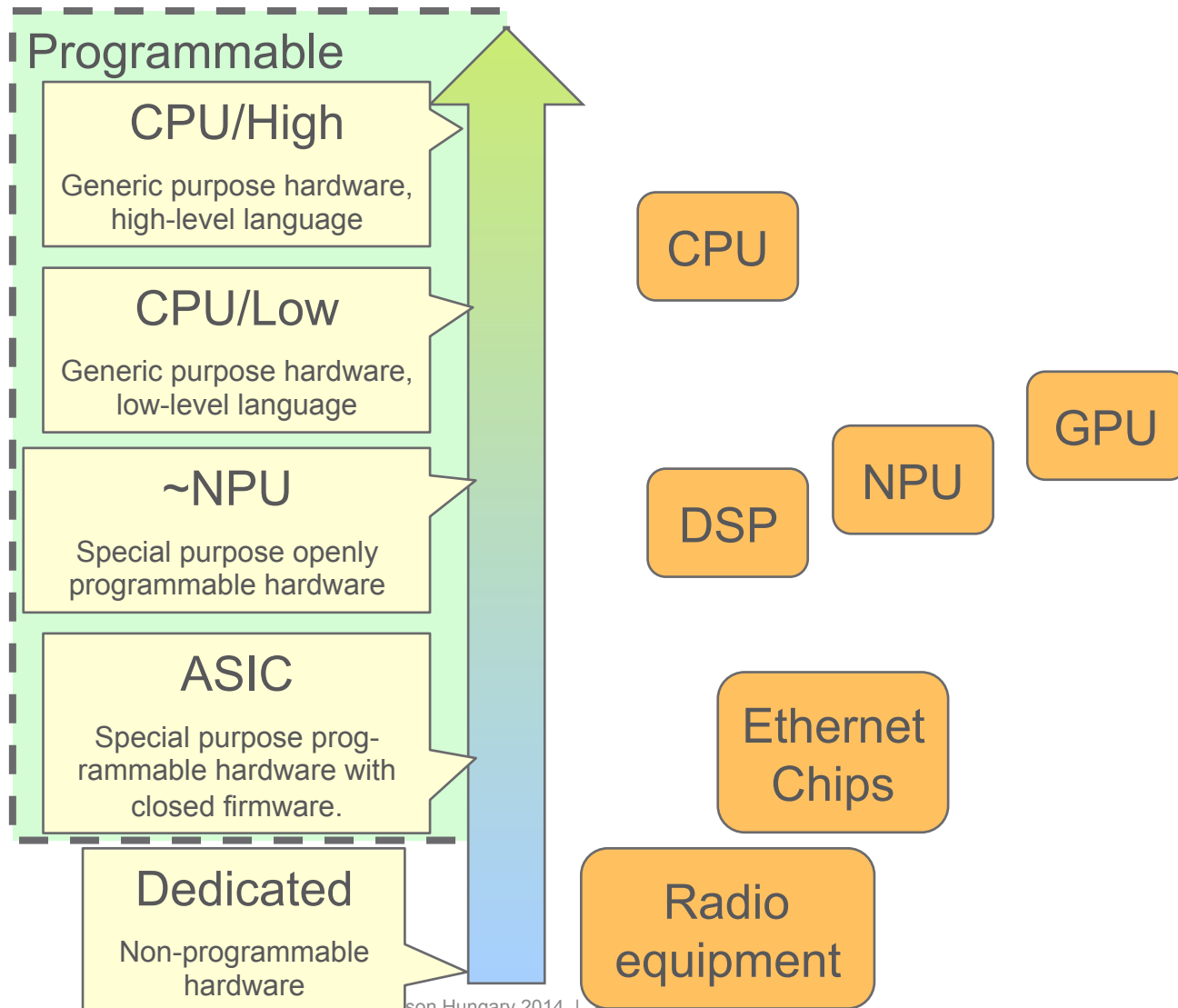


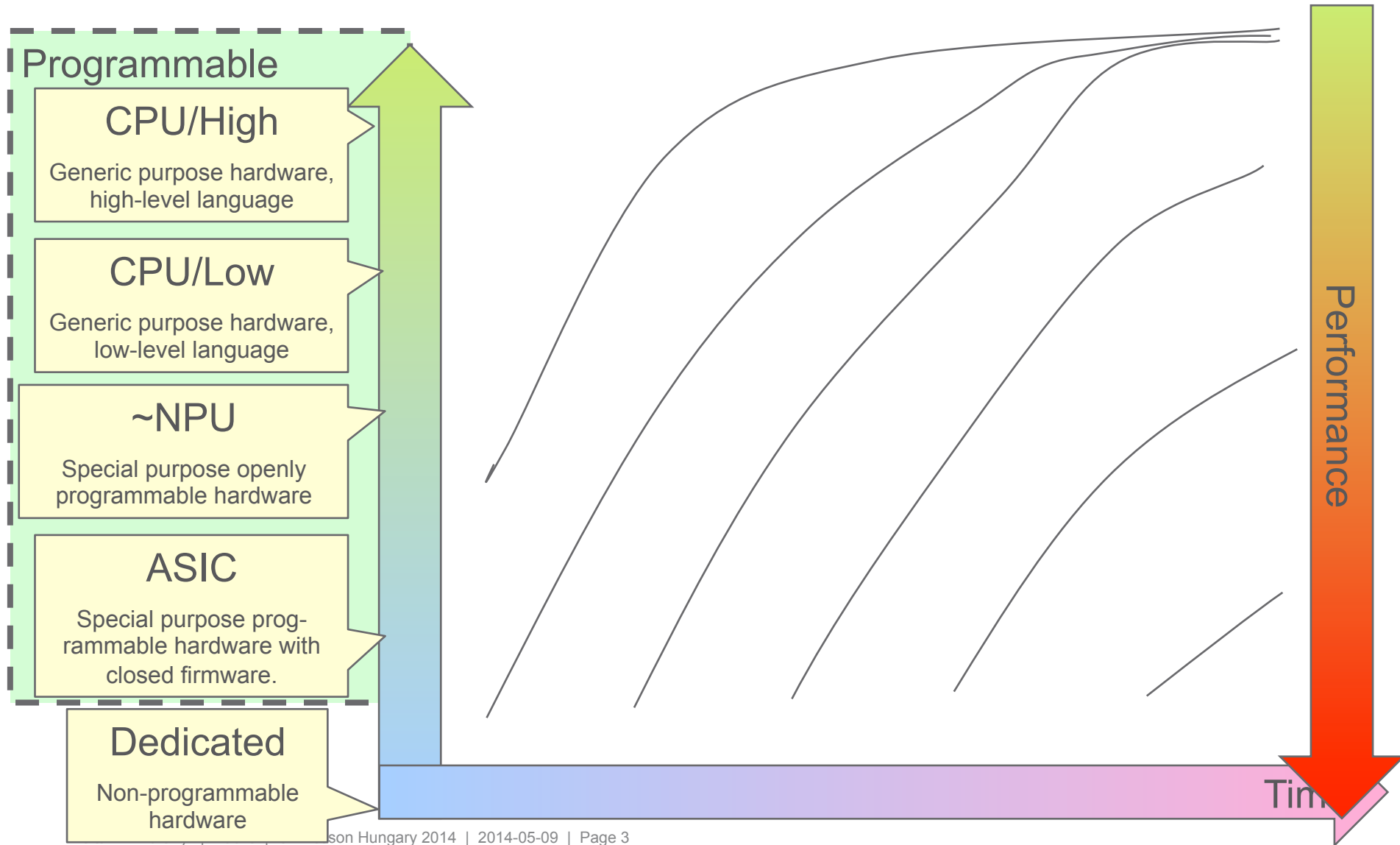
SDNMO Workshop panel

Zoltán Turányi, Ericsson Research

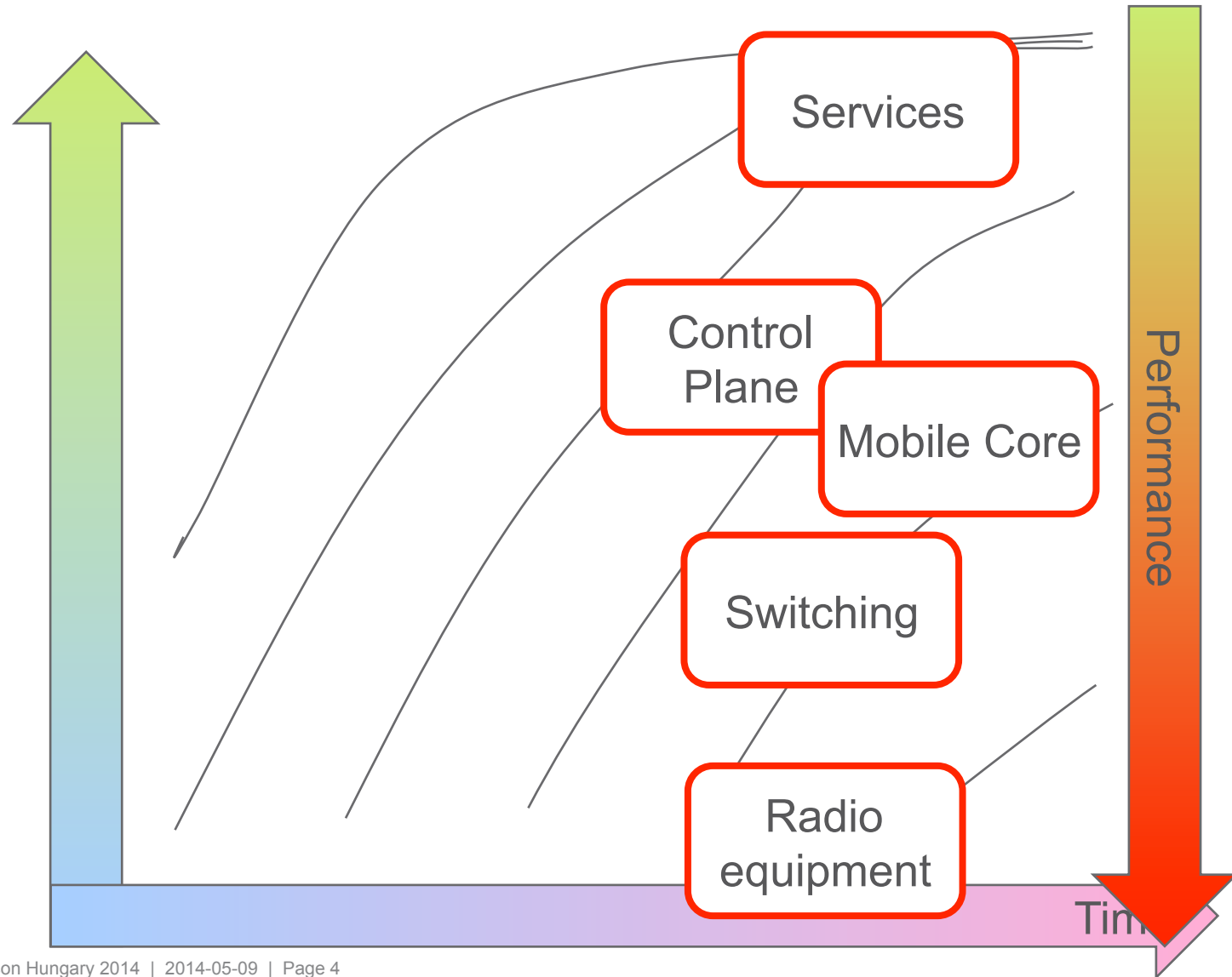
What is “Softwarization”?



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Applicability



Key TOOLS



- › Virtualization of computing/storage
 - Enables easy and efficient sw deployment
 - ...but we need a host of PaaS functions tailored to networking
 - › Like Service Chaining

- › SDN
 - De-couples control and data
 - Opens up monolithic boxes, promotes componentization
 - ...but we need better and more diverse abstractions
 - › NBI models – highly abstract for many different purposes
 - › SBI models – retain access to hardware innovation



Key challenges

› Integration

- Previously std bodies and vendors did a lot of this
- With software a lot more falls to the network operator

› Troubleshooting

- Cannot be thought as an add-on

› Performance

- Must be fast and cheap



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