

eM's intro & some current research

Emilio Tuosto



Dagstuhl seminar 24051
Next Generation Protocols for Heterogeneous Systems

A new *advanced school* of studies

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even after the 2009 earthquake!



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And now, some of my recent interests



Some ongoing stuff

Precise process mining

with Robert Guanciale @ KTH

From a log (sets of traces of events) L to global specs G_L such that $\mathcal{L}(G_L) = \mathcal{L}(G)$ and G_L minimises the causal dependencies among the events in L

Semantic characterisation of well-formedness

with Ilaria Castellani @ INRIA

Find classes of event structures or flow nets that characterise “correct” global spec (e.g., MPSTs)

Extracting global specs from Erlang/Elixir

with Ivan Lanese, Gabriele Genovese, Jacopo Mauro @ U. of Bologna, and German Vidal @ U. Politècnica de València

From Erlang to (approximations of) global specs

