

eM's intro & some current research

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Dagstuhl seminar 24051
Next Generation Protocols for Heterogeneous Systems

A new school of advanced studies

In one of the most beautiful medieval Italian towns
even after the 2009 earthquake!

In one of our most beautiful national parks

We've money, if you want to visit ... or work with us

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

