Agenda of the 2012 Computer Science Summer School

Course 1: Ralf Hinze -- Introduction to functional programming

Course 2: Andres Loeh -- The practice of functional programming Course 3: Simon Marlow -- Parallelism and concurrency

A short 10-minute break (whose maximum duration is to be strictly enforced) is proposed during each 90-minute slot.

Talk 1: Joe Armstrong (inventor of the Erlang language), on: "Erlang - Past present and future" Talk 2: Fabrice Le Fessant (OCamlPro startup), on: "Commercial Usage of Ocaml"

Exchange Session: everyone explains his work and functional interest, so that we better know each other Ice breaking Event: visit of the "Domaine de Vignelaure" (vineyard)
Functional Lounge: where functional enthousiasts from all origins can cosily meet Other events

Social Event: feast, magic and music

	Monday 11/06/2012	Tuesday 12/06/2012	Wednes. 13/06/2012	Thursday 14/06/2012	Friday 15/06/2012
9h-10h30	(10h20: arrival of the Monday shuttle)	Developing Haskell applications	ADT	Higher-order	Evaluation
10h30-11h	Introduction	Break	Break	Break	Break
11h-12h30	Expressions and Values	Lists	Data Structures	Type classes	Monads
12h30-14h	Lunch	Lunch	Lunch	Lunch	Lunch
14h-15h30	Types and polymorphism	Exercices	Exercices	Testing	Exercices
15h30-16h	Break	Break	Break	Break	
16h-17h30	Exercices	Exercices	Exercices	Exercices	(16h30: departure of the shuttle)
17h30-18h	Break	Break	Break	Break	
18h-19h30	Exchange Session	Ice breaking Event	Erlang - Past present and future	Free time	
19h45	Dinner	Dinner	Dinner	Dinner	
19h45	Dinner Monday 18/06/2012	Dinner Tuesday 19/06/2012		Dinner Thursday 21/06/2012	Friday 22/06/2012
19h45 9h-10h30		-			Friday 22/06/2012 GPU
	Monday 18/06/2012 (10h20: arrival of the	Tuesday 19/06/2012	Wednes. 20/06/2012 (Embedded) domain-	Thursday 21/06/2012	,
9h-10h30	Monday 18/06/2012 (10h20: arrival of the Monday shuttle)	Tuesday 19/06/2012 Basic concurrency	Wednes. 20/06/2012 (Embedded) domain- specific languages	Thursday 21/06/2012 Cloud Haskell	GPU
9h-10h30 10h30-11h	Monday 18/06/2012 (10h20: arrival of the Monday shuttle) Start	Tuesday 19/06/2012 Basic concurrency Break	Wednes. 20/06/2012 (Embedded) domain- specific languages Break	Thursday 21/06/2012 Cloud Haskell Break	GPU Break
9h-10h30 10h30-11h 11h-12h30	Monday 18/06/2012 (10h20: arrival of the Monday shuttle) Start Basic pure parallelism	Tuesday 19/06/2012 Basic concurrency Break STM	Wednes. 20/06/2012 (Embedded) domain- specific languages Break Concurrent servers	Thursday 21/06/2012 Cloud Haskell Break Data-parallel arrays	GPU Break Exercices End of the school
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