

LDTA 2011

11th Workshop on Language Descriptions, Tools and Applications [Saarbrücken, Germany (March 26-27, 2011)]

Saturday (March 26, 2011):

Time	Papers/Presentations	Authors/Speakers
09:00-09:15	Welcome to LDTA 2011	Claus Brabrand & Eric Van Wyk
09:15-10:30	SESSION 1: [Invited talk] - “Getting a Grip on Tasks that Coordinate Tasks”	Rinus Plasmeijer
10:30-11:00	- Tea/Coffee -	
11:00-12:30	SESSION 2: [Types and Transformations] - “From Type Checking by Recursive Descent to Type Checking with an Abstract Machine” - “More Precise Typing of Rewrite Strategies” - “Higher-order Transformations with Nested Concrete Syntax”	Ilya Sergey & Dave Clarke Azamat Mamejjanov, Victor Winter & Ralf Lämmel Rob Economopoulos & Bernd Fischer
12:30-14:00	- Lunch -	
14:00-14:30	TOOL CHALLENGE: [Tool Challenge Kick-off] - “LDTA 2011 Tool Challenge Kick-off”	Claus Brabrand & Eric Van Wyk
14:30-16:00	TOOL CHALLENGE 1: [DSLs for language development] - “Language Prototyping Using RASCAL The case of OBERON-0” - “Simpl” - “Component-based specification of evolving languages”	Tijs van der Storm et al. (see * below) Margus Freudenthal Peter Mosses
16:00-16:30	- Tea/Coffee -	
16:30-18:00	TOOL CHALLENGE 2: [Embedded DSLs and Combinators] - “Kiama language processing library” - “Extensions and Combinators in Objective CAML” - “Banana Algebra: Syntactic Language Ext. via an Algebra of Languages and Transformations”	Tony Sloane Dmitry Boulytchev Jacob Andersen & Claus Brabrand

*) Bas Basten, Mark Hills, Paul Klint, Arnold Lankamp, Bert Lisser, Jeroen van den Bos, Atze van der Ploeg, Tijs van der Storm, and Jurgen Vinju.

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Sunday (March 27, 2011):

Time	Papers/Presentations	Authors/Speakers
09:00-10:30	SESSION 3: [Semantics and Grammar Analysis] - “ <i>Stepwise Evaluation of Attribute Grammars</i> ” - “ <i>Exploiting algebra/coalgebra duality for program fusion extensions</i> ” - “ <i>Yield grammar analysis in the Bellman's GAP compiler</i> ”	Arie Middelkoop, Atze Dijkstra & Doaitse Swierstra Facundo Dominguez & Alberto Pardo Robert Giegerich & Georg Sauthoff
10:30-11:00		- Tea/Coffee -
11:00-12:30	SESSION 4: [Parsing] - “ <i>Delayed semantic actions in Yakker</i> ” - “ <i>LDT: a language definition technique</i> ” - “ <i>Parsing Reflective Grammars</i> ”	Yitzhak Mandelbaum & Trevor Jim Adrian Johnstone, Elizabeth Scott & Mark van den Brand Paul Stansifer & Mitchell Wand
12:30-14:00		- Lunch -
14:00-15:00	SESSION 5: [Tool Demonstrations] - “ <i>Building Semantic Editors using JastAdd</i> ” - “ <i>VLex: Visualizing a Lexical Analyzer Generator</i> ”	Emma Söderberg & Görel Hedin Alisdair Jorgensen, Giorgios Economopoulos & Bernd Fischer
15:00-16:00	TOOL CHALLENGE 3: [Parser Generators] - “ <i>GLL parsing for Oberon</i> ” - “ <i>The Fika Parser Generator</i> ”	Elizabeth Scott & Adrian Johnstone Michal Pise
16:00-16:30		- Tea/Coffee -
16:30-17:30	TOOL CHALLENGE 4: [Attribute Grammar Systems] - “ <i>Language Extension and Composition in Silver</i> ” - “ <i>A JastAdd implementation of Oberon-0</i> ”	Ted Kaminski & Eric Van Wyk Niklas Fors, Görel Hedin & Emma Söderberg
17:30-18:00	LDTA Closing	Claus Brabrand & Eric Van Wyk