



2nd Workshop of

LICIA

September, 5-7 2012

Maison Jean Kuntzmann

Grenoble

Scientific Program



Wednesday, 5 September 2012

13h30 – 14h30 — Keynote Speech (Room F022)

Scheduling large scale parallel platforms. System and users: a 180 degrees vision?
Denis Trystram, LIG / G-INP, MOAIS

14h30 – 15h00 — Coffee Break

15h00 – 16h00 — Keynote Speech (Room F022)

Computer Graphics at UFRGS
Carla Dal Sasso Freitas, UFRGS

16h00 – 17h00 — Parallel session: Computer Graphics (Room F022)

Chair: Bruno Raffin, LIG - João Comba, UFRGS

Participants: Luciana Nedel (UFRGS), Carla Dal Sasso Freitas (UFRGS), François Faure (LJK), Remi Ronfard (LJK) et Edmond Boyer (LJK)

15h00 – 17h00 — Parallel session: High Performance computing (Amphi MJK)

Chair : Guillaume Huard, LIG - Alexandre Carrissimi, UFRGS

HPC@gppd.inf.ufrgs.br

Nicolas Maillard, UFRGS

Analysis of Program Behavior

Lucas Mello Schnorr, LIG/UFRGS

Work Stealing on Multi-CPU and Multi-GPU Architectures with XKaapi

João Lima, LIG/UFRGS

Load balancing on hierarchical machines

Laércio Pilla, UFRGS/LIG

Participants: LIG Teams : Mescal, Moais and Nanosim, Philippe Navaux (UFRGS), Nicolas Maillard (UFRGS), Claudio Geyer (UFRGS), Francieli Zanon (LIG/UFRGS), Laércio Pilla (LIG/UFRGS), João Lima (LIG/UFRGS)

Thursday, 6 September 2012

9h00 – 9h30 — Coffee Welcome

9h30 – 11h00 — Opening session (Amphi MJK)

Welcome from the LIG and Announcements

Hervé Martin, LIG - Hervé Gaussier (MSTIC) - Marie-Christine Rousset LIG

LICIA 2011-12: achievements and next steps

11h00 –12h00 — Keynote Speech (Amphi MJK)

Game theory for optimisation in distributed systems (with applications to routing and load balancing in hierarchical multicore systems)

Bruno Gaujal, LIG / INRIA, MESCAL

12h00–14h00 — Lunch

14h00 - 15h00 — Keynote Speech (Amphi MJK)

Embedded Systems ARE General Purpose Computing Systems: Extra Challenges for Software & Hardware Developers

Luigi Carro, UFRGS

15h00 – 17h00 — Parallel session: Embedded Systems (Room G010)

Chair : Eric Rutten, LIG - Luigi Carro, UFRGS

Power Reduction by Using Transistor Networks

Ricardo Reis, UFRGS

Systèmes adaptatifs et reconfigurables

Didier Donsez, LIG / UJF, Eroads

Synchronous programming : Heptagon and BZR

Gwenaël Delaval, LIG / UJF, Pop Art

Discrete control techniques for reconfigurable architectures

Xin An, LIG / Inria, Sardes

Exploiting ILP and TLP with reconfigurable platforms

Antonio Carlos Beck Filho, UFRGS

Towards a Multiple-ISA Embedded System

Antonio Carlos Beck Filho, UFRGS

15h00–17h00 — Parallel session: Artificial Intelligence (Room G010)

Chair : Rosa Vicari, UFRGS - Yves Demazeau, LIG

Three On-going Research projects in AI

Rosa Maria Viccari et al.

Projet CERES : Comportements Emergents dans des Réseaux Economiques et Sociaux

Mirta Gordon et al.

The CAMELEON CAPES-COFECUB project

Christian Boitet, Mathieu Mangeot et al.

Multi-Agent Oriented Programming

Olivier Boissier et al.

Discussion panel about potential collaborations

Rosa Viccari, Yves Demazeau et al.

Friday, 5 June 2012

9h00 – 10h00 — Computer Graphics (Amphi MJK)

Luciana Nedel, Carla Dal Sasso Freitas, João Comba (UFRGS)

10h00 – 10h30 — Coffee Break

10h30 –12h30 — Parallel session: Natural Language Processing (Amphi MJK)

Chair : Aline Villavicencio, UFRGS - Mathieu Mangeot, LIG

A generic and open framework for treating multiword expressions

Carlos Ramisch, LIG, Getalp/UFRGS

Web site translation with interactive Multilingual Access Gateways

Achille Falaise LIG, Getalp

JeuxDeMots-pt: a serious lexical game for Brazilian Portuguese

Mathieu Mangeot LIG,

MT evaluation and multilingualism

Emmanuelle Esperança-Rodier, LIG, Getalp

Jibiki-PIVAX, a generic platform for multilingual lexical resources management

Ying Zhang, LIG, Getalp

Natural Language Processing at UFRGS

Aline Villavicencio UFRGS

10h30 – 12h30 — Parallel session: Information and Multimedia (Room G010)

Chair : José Palazzo M. de Oliveira, UFRGS - Agnès Front

Recherche en informatique de l'éducation

José Valdeni, UFRGS

Le projet STIC-Am sud LWM : un point à mi-parcours

Jérôme Gensel, LIG, Steamer

Applications mobiles et Réalité Augmentée

Betül Aydin, LIG, Steamer

Autres propositions de collaboration avec le Brésil

Agnès Front, LIG, Sigma

12h30 –13h00 — Closing

Conference location

Amphitheater and room G010: Maison Jean Kuntzmann (MJK), 110, rue de la chimie, Campus Universitaire, Saint-Martin d'Hères.

Amphitheater F022: UFR IMA, 30 rue de la chimie, Campus Universitaire, Saint-Martin d'Hères.

Tramway stop: **Bibliothèque Universitaire**, Line B or C direction Campus, Saint-Martin d'Hères