CLIP Group Publications by Topic


Printing date: August 21, 2023

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Keywords

Publications, By Topic, CLIP Group

Acknowledgements

The work presented in these papers has been carried out in collaboration with numerous other researchers (co-authors of the papers) and institutions, and has been funded in part by a number of public and private agencies. Please refer the CLIP group list of funded research projects for a list of such institutions.
Abstract

This document provides a unified list of publications by the CLIP group members, classified by research topic (as well as by type of publication – journal, book, invited, workshop, etc.). A list of publications classified by year of publication is also available. Please note that this document is generated automatically and periodically from the group database and may contain repetitions, omissions, and other errors. We ask for understanding with these errors and at the same time will very much appreciate any pointers to them.

Resumen

Este documento proporciona una lista unificada de las publicaciones de los miembros del grupo CLIP, clasificada por temas (así como por tipo de publicación – revista, libro, invitado, workshop, etc.). También se dispone de una lista de publicaciones clasificada por año de publicación. Este documento se genera automáticamente y de forma periódica a partir de la base de datos del grupo y puede contener repeticiones, omisiones, y otros errores. Rogamos comprensión con estos errores y apreciaremos que se nos señalen.
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1 Publications in Verification, Specification, Testing, Debugging

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


Books and Monographs:


### Invited Papers and Tutorials:


8. Elvira Albert. *From Termination to Cost (in Object-Oriented Languages)*. Workshop on Termination (WST’10), 1 pages, July 2010.


Articles in Books and Other Collections:


**Publications in Refereed Workshops:**


Technical Reports and Manuals:


Publications in Program Analysis

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


Books and Monographs:


Invited Papers and Tutorials:


11. Elvira Albert. *From Termination to Cost (in Object-Oriented Languages).* Workshop on Termination (WST’10), 1 pages, July 2010.


**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


Technical Reports and Manuals:


3 Publications in Program Specialization

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Invited Papers and Tutorials:


Articles in Books and Other Collections:


**Publications in Refereed Workshops:**


Technical Reports and Manuals:


4 Publications in Resource Consumption Analysis and Optimization

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


8. U. Liqat, S. Kerrison, A. Serrano, K. Georgiou, P. Lopez-Garcia, N. Grech, M. V. Hermenegildo, 
K. Eder. *Energy Consumption Analysis of Programs based on XMOS ISA-Level Models.* 
Logic-Based Program Synthesis and Transformation, 23rd International Symposium, LOP- 
STR 2013, Revised Selected Papers, Lecture Notes in Computer Science, Vol. 8901, pages 

Programs.* Theory and Practice of Logic Programming, 29th Int’l. Conference on Logic 
Programming (ICLP’13) Special Issue, On-line Supplement (technical communication), Vol. 

10. Z. Banković, P. Lopez-Garcia. *Genetic Algorithm-based Allocation and Scheduling for Volt-
age and Frequency Scalable XMOS Chips.* Hybrid Artificial Intelligent Systems (HAIS 2013), 

Verification, Model Checking, and Abstract Interpretation - 13th International Conference, VMCAI 

12th Verification, Model Checking, and Abstract Interpretation (VMCAI’11), Lecture Notes 

Parallel/Distributed Computing.* International Conference on Fuzzy Computation (ICFC 

for Garbage Collected Languages.* 9th International Symposium on Memory Management 

Spanish Conference on Programming and Computer Languages (PROLE’09 ), ENTCS, Vol. 248, 

*A Coding Rule Conformance Checker Integrated into GCC.* Spanish Conference on Program-

17. E. Albert, S. Genaim, M. Gómez-Zamalloa. *Live Heap Space Analysis for Languages with 
Garbage Collection.* 8th international symposium on Memory management, pages 129–138, 

18. E. Mera, P. Lopez-Garcia, M. Carro, M. V. Hermenegildo. *Towards Execution Time Es-
timation in Abstract Machine-Based Languages.* 10th Int’l’. ACM SIGPLAN Symposium 
on Principles and Practice of Declarative Programming (PPDP’08), pages 174–184, ACM 

19. Elvira Albert, Puri Arenas, Samir Genaim, German Puebla. *Automatic Inference of Upper 
Bounds for Recurrence Relations in Cost Analysis.* Static Analysis, 15th International 
Symposium, SAS 2008, Valencia, Spain, July 15-17, 2008, Proceedings, Lecture Notes in 

Cost Analysis of Java Bytecode.* ACM Symposium on Applied Computing (SAC) - Software 


**Books and Monographs:**


**Invited Papers and Tutorials:**


**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


**Technical Reports and Manuals:**


5 Publications in Analysis of Smart Contracts, Blockchain

Books and Monographs:


Invited Papers and Tutorials:

Publications in Automatic Parallelization

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


**Books and Monographs:**


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Articles in Books and Other Collections:


**Publications in Refereed Workshops:**


**Technical Reports and Manuals:**


7 Publications in Task Granularity Analysis and Control

Articles in Refereed Journals:


Articles in Refereed Conferences:


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**Invited Papers and Tutorials:**


**Articles in Books and Other Collections:**


Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Parallel Execution Models and Task Scheduling

Articles in Refereed Journals:


Articles in Refereed Conferences:


**Books and Monographs:**


**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


Technical Reports and Manuals:


9 Publications in Distributed/Internet Execution, Agents, and WWW

Articles in Refereed Journals:


Articles in Refereed Conferences:


**Books and Monographs:**


**Invited Papers and Tutorials:**


**Articles in Books and Other Collections:**

Publications in Refereed Workshops:


**Technical Reports and Manuals:**


Publications in (Parallel) Computer Architecture

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Articles in Books and Other Collections:


Technical Reports and Manuals:


11 Publications in Program Execution Visualization

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


**Technical Reports and Manuals:**


Publications in Programming Language Design

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


**Invited Papers and Tutorials:**


**Articles in Books and Other Collections:**


Publications in Refereed Workshops:


32. J. F. Morales, R. Haemmerlé, M. Carro, M. V. Hermenegildo. Lightweight compilation of (C)LP to JavaScript. XII Jornadas sobre Programación y Lenguajes (PROLE), Universidad de Almería, 2012.


**Technical Reports and Manuals:**


13 Publications in Concurrency, Dynamic Scheduling, and Concurrent Languages

Articles in Refereed Journals:


Articles in Refereed Conferences:


**Books and Monographs:**


**Publications in Refereed Workshops:**


**Technical Reports and Manuals:**


Publications in Constraint Programming

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Invited Papers and Tutorials:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Programming Language Implementation

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


**Books and Monographs:**


Invited Papers and Tutorials:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:


64. G. Gupta, M. Hermenegildo, E. Pontelli, V. Santos-Costa. **ACE: And/Or-parallel Copying-based Execution of Logic Programs.** New Mexico State University, Computer Science Dept., 1993.


16  Publications in Environments and Tools for Software Development

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Invited Papers and Tutorials:


**Articles in Books and Other Collections:**


Publications in Refereed Workshops:


**Technical Reports and Manuals:**


17  Publications in Component-Based Software Development

Articles in Refereed Conferences:


Technical Reports and Manuals:

Publications in Open Source Software

Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Simulation of Parallel Systems

Articles in Refereed Journals:


Articles in Refereed Conferences:


Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Teaching

Books and Monographs:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:

Publications in Quality of Service

Articles in Refereed Journals:


Articles in Refereed Conferences:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Services

Articles in Refereed Journals:


Articles in Refereed Conferences:


Invited Papers and Tutorials:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:


Articles in Refereed Conferences:


Invited Papers and Tutorials:


Publications in Refereed Workshops:


**Technical Reports and Manuals:**


Publications in Graphical Communication

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Technical Reports and Manuals:


