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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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Books and Monographs:


Invited Papers and Tutorials:


Articles in Books and Other Collections:


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**Technical Reports and Manuals:**


2 Publications in Program Analysis

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


**Books and Monographs:**


**Invited Papers and Tutorials:**


12. 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:**


Correas, A. García Pañoso, J. Lipton, P. Lopez-Garcia, E. Mera, J. Morales, C. Ochoa,
G. Puebla. Rigorous Methods for Mobile and Heterogeneous Software Systems – First Year

42. M. Méndez-Lojo, M. Hermenegildo. Precise Set Sharing and Nullity Analysis for Java-style

43. M. Gómez-Zamalloa, E. Albert, G. Puebla. Partial Evaluation Types for Improving the
Decomposition of Java Bytecode to Prolog. Num. CLIP1/2007.0, Technical University of
Madrid (UPM), February 2007.

44. P. Lopez-Garcia, F. Bueno, M. V. Hermenegildo. Inferring Determinacy in Logic Programs
Using Mode and Type Information. Num. CLIP3/2007.0, Technical University of Madrid
(UPM), February 2007.


System’s Design Philosophy. Num. CLIP7/2006.0, 6 pages, Technical University of Madrid


49. P. Pietrzak, M. V. Hermenegildo. Improved Automatic Error Diagnosis Based on Abstract


CLIP1/06, 99 pages, Technical University of Madrid (UPM), January 2006.

ment and Optimization using the Ciao Preprocessor. Num. CLIP2/06, 55 pages, Technical
University of Madrid (UPM), January 2006.

54. E. Albert, P. Arenas, G. Puebla, M. Hermenegildo. Reduced Certificates for Abstraction-
October 2005.

(UPM), September 2005.


57. G. Puebla, E. Albert, M. V. Hermenegildo. Abstract Interpretation with Specialized Defini-


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:**


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4 Publications in Resource Consumption Analysis and Optimization

Articles in Refereed Journals:


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Technical Reports and Manuals:


5 Publications in Analysis of Smart Contracts, Blockchain

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6 Publications in Automatic Parallelization

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**Invited Papers and Tutorials:**


**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


**Technical Reports and Manuals:**


36. F. Bueno, M. Hermenegildo. *An Automatic Translation Scheme from Prolog to the Andorra Kernel Language.* Num. CLIP1/91.0, T.U. of Madrid, June 1991. also(first version) in Proc. GULP91, results and benchmarks in “Results on Automatic Translation from Prolog to the Andorra Kernel Language”.


7 Publications in Task Granularity Analysis and Control

Articles in Refereed Journals:


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Publications in Refereed Workshops:


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Publications in Concurrency, Dynamic Scheduling, and Concurrent Languages

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Technical Reports and Manuals:


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Books and Monographs:


Invited Papers and Tutorials:


**Articles in Books and Other Collections:**


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Technical Reports and Manuals:


Publications in Programming Language Implementation

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Publications in Component-Based Software Development

Articles in Refereed Conferences:


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Technical Reports and Manuals:


Publications in Simulation of Parallel Systems

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