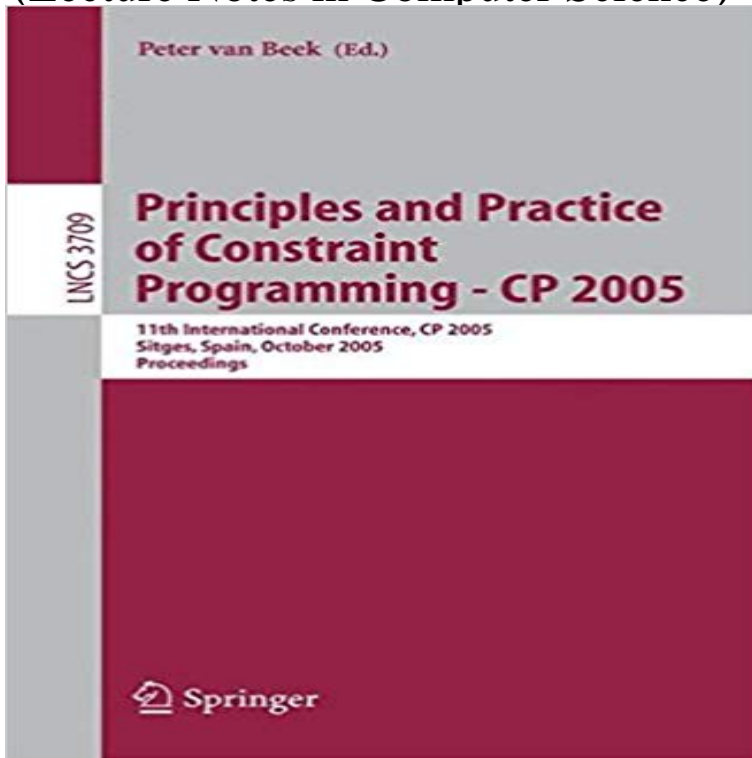


# Principles and Practice of Constraint Programming - CP 2005: 11th International Conference, CP 2005, Sitges Spain, October 1-5, 2005 (Lecture Notes in Computer Science)



The 11th International Conference on the Principles and Practice of Constraint Programming (CP 2005) was held in Sitges (Barcelona), Spain, October 1-5, 2005. Information about the conference can be found on the web at <http://www.iiia.csic.es/cp2005/>. Information about past conferences in the series can be found at <http://www.cs.ualberta.ca/~ai/cp/>.

The CP conference series is the premier international conference on constraint programming and is held annually. The conference is concerned with all aspects of computing with constraints, including: algorithms, applications, environments, languages, models and systems. This year, we received 164 submissions. All of the submitted papers received at least three reviews, and the papers and their reviews were then extensively discussed during an online Program Committee meeting. As a result, the Program Committee chose 48 (29.3%) papers to be published in

full in the proceedings and a further 22 (13.4%) papers to be published as short papers. The full papers were presented at the conference in two parallel tracks and the short papers were presented as posters during a lively evening session.

Two papers were selected by a subcommittee of the Program Committee—consisting of Chris Beck, Gilles Pesant, and myself—to receive best paper awards. The conference program also included excellent invited talks by

ector Ge?ner, Ian Horrocks, Francesca Rossi, and Peter J. Stuckey. As a permanent record, the proceedings contain four-page extended abstracts of the invited talks.

[\[PDF\] National Security Issues](#)

[\[PDF\] Adobe Photoshop Elements 3.0: A Visual Introduction to Digital Imaging](#)

[\[PDF\] A Thirteen Moon Journal: A Psychiatrists Journey Toward Inner Peace](#)

[\[PDF\] Oh! For Heavens Sakes](#)

[\[PDF\] Ohios Amusement Parks in Vintage Postcards \(OH\) \(Postcard History Series\)](#)

[\[PDF\] Enterprise Java 2, J2EE 1.3 Complete](#)

[\[PDF\] Getting Started in Online Personal Finance](#)

**Towards an Optimal CNF Encoding of Boolean Cardinality Constraints** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 47-61 . CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. **Tom Kelsey - St Andrews research portal - University of St Andrews** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 373-387 . CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. **Ian Philip Gent - St Andrews research portal - University of St Andrews** (Lecture Notes in Computer Science vol. McDonald, I., Miguel, I. & Smith, B. M. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings .

**Groupoids and Conditional Symmetry - University of St Andrews** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 358-372 . CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. **Principles and Practice of Constraint Programming - CP 2005: 11th** Practice of Constraint Programming - CP 2005: 11th International Conference, CP 2005, Sitges Spain, October 1-5, 2005 (Lecture Notes in Computer Science). **Ismael Brito IIIA CSIC** Title of host publication, Lecture Notes in Computer Science (including Event, 11th International Conference on Principles and Practice of Constraint Programming - CP 2005 - Sitges, Spain 845, 11th International Conference on Principles and Practice of Constraint Programming - CP 2005, Sitges, Spain, 1-5 October. **Maintaining Longest Paths in Cyclic Graphs - Springer** McDonald, I., Miguel, I. & Smith, B. M. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . (Lecture notes in computer science vol. **Tom Kelsey - St Andrews research portal - University of St Andrews** and Incomplete Lists. Lecture notes in computer science 2006. Download PDF. 2005 Principles and Practice of Constraint Programming - CP 2005: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. Proceedings Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . ed. **Preference Reasoning - Springer** Principles and Practice of Constraint Programming - CP 2005: Proceedings of the 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. ed. / Peter van Beek. 2005. p. 271-285 (Lecture Notes in Computer Science Vol. **Principles and Practice of Constraint Programming - CP 2005** (Lecture Notes in Computer Science vol. McDonald, I., Miguel, I. & Smith, B. M. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . **Tractable Symmetry Breaking using Restricted Search Trees** Principles and Practice of Constraint Programming - CP 2005: 11th International Conference, CP 2005, Sitges Spain, October 1-5, 2005 (Lecture Notes in **Principles and Practice of Constraint Programming - CP 2005: 11th - Google Books Result** Book. Lecture Notes in Computer Science. Volume 3709 2005 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. Proceedings **Conditional symmetry breaking - University of St Andrews** Data Structures for Generalised Arc Consistency for Extensional Constraints McDonald, I., Miguel, I. & Smith, B. M. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . (Lecture notes in computer science vol. **Scheduling social tournaments The University of Michigan** Symmetry-breaking in constraint satisfaction problems is a well-established area of AI C. 2005 Principles and Practice of Constraint Programming - CP 2005: Proceedings of the 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. van Beek, P. (ed.). (Lecture Notes in Computer Science vol. 3709). **Groups and Constraints: Symmetry Breaking During Search** McDonald, I., Miguel, I. & Smith, B. M. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . (Lecture notes in computer science vol. **Ian Philip Gent - Research portal - University of St Andrews** Research output: Contribution to conference Paper note = Principles and Practice of Constraint Programming - CP 2007, Lecture Notes in Computer Science, of Constraint Programming - CP 2005: Proceedings of the 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. van Beek, P. (ed.). **Symmetry and consistency - University of St Andrews** 11th International Conference, CP 2005, Sitges Spain, October 1-5, 2005 Programming (CP 2004), Lecture Notes in Computer Science 3258, Springer (2004). **Principles and Practice of Constraint**

**Programming - CP 2005: 11th** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 827-831 CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. **Principles and Practice of Constraint Programming - CP 2005: 11th** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 107-121 . CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005.

**Incremental Algorithms for Local Search from Existential Second** output: Chapter in Book/Report/Conference proceeding Conference contribution Conference on Artificial Intelligence, August 22-27, 2004, Valencia, Spain. ed. the 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005. Oct 2005 Principles and practice of constraint programming--CP 2005: 11th **Ian Philip Gent - St Andrews research portal - University of St Andrews** Principles and Practice of Constraint Programming - CP 2005. Volume 3709 of the series Lecture Notes in Computer Science pp 534-548 . CP 2005 Book Subtitle: 11th International Conference, CP 2005, Sitges, Spain, October 1-5, 2005.

**Tom Kelsey - St Andrews research portal - University of St Andrews** Proceedings of the 8th International Conference on Principles and Practice of Constraint Programming. ed. 415-430 (Lecture Notes in Computer Science Vol. . Oct 2005 Principles and practice of constraint programming--CP 2005: 11th international conference, CP 2005, Sitges, Spain, October 1-5, 2005 : Proceedings . **Principles and Practice of Constraint Programming - CP 2005** Practice of Constraint Programming - CP 2005: 11th International Conference, CP 2005, Sitges Spain, October 1-5, 2005 (Lecture Notes in Computer Science). **New developments in symmetry breaking in search using**