

# A Bibliography of Papers in *Lecture Notes in Computer Science* (2007)

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## Title word cross-reference

<i>p</i> [4].	<b>Algorithms</b> [17, 18, 15]. <b>among</b> [3]. <b>Analyzing</b> [17]. <b>Annual</b> [16]. <b>applications</b> [13]. <b>August</b> [19, 15, 12, 16]. <b>Automated</b> [19, 12].
<b>-box</b> [4].	<b>Barbara</b> [16]. <b>based</b> [6]. <b>behind</b> [9]. <b>Belgium</b> [17]. <b>box</b> [4]. <b>Brussels</b> [17].
<b>10th</b> [15].	<b>CA</b> [18, 16]. <b>Canada</b> [15]. <b>changes</b> [7].
<b>27th</b> [16].	<b>chaos</b> [5]. <b>China</b> [13]. <b>Coimbra</b> [14]. <b>collections</b> [6]. <b>communications</b> [14].
<b>4th</b> [13].	<b>components</b> [3]. <b>computation</b> [1, 13, 10]. <b>computations</b> [4]. <b>compute</b> [5].
<b>5th</b> [14, 18].	<b>Computing</b> [8]. <b>Conference</b> [12, 16, 14, 13]. <b>constraint</b> [4].
<b>6th</b> [19].	<b>constraint-related</b> [4]. <b>contributions</b> [1]. <b>CRYPTO</b> [16]. <b>cryptology</b> [16].
<b>ADG</b> [19]. <b>Advances</b> [16]. <b>Algorithm</b> [8].	

**Data** [15]. **December** [18]. **deduction** [19]. **Designing** [17]. **Determining** [9]. **Diego** [18]. **directed** [2]. **distributed** [6]. **Distribution** [3].

**Effective** [17]. **Efficient** [8]. **Engineering** [17]. **estimation** [4].

**factors** [9]. **faster** [4]. **fuzzy** [4].

**geometry** [19]. **graph** [18]. **graphs** [2].

**Halifax** [15]. **Heuristics** [17].

**IJCAR** [12]. **Implementing** [17]. **influence** [5]. **International** [15, 12, 16, 17, 14, 18, 19, 13]. **Internet** [14]. **interval** [4].

**Joint** [12].

**Local** [1, 2, 17]. **log** [9]. **log-log** [9].

**mass** [3]. **May** [14, 13]. **model** [5]. **models** [18, 13]. **multiple** [5].

**N** [11]. **N-step** [11].

**ODEs** [4]. **order** [7].

**PageRank** [1, 2, 3, 5, 6, 7, 8, 9, 10, 11].

**PageRank-based** [6]. **papers** [19].

**Parallelization** [8]. **Parallelizing** [10].

**partitioning** [2]. **wireless** [14].

**Personalizing** [6]. **plot** [9]. **polynomial** [5].

**Pontevedra** [19]. **Portugal** [14]. **principle** [3].

**Proceedings** [15, 12, 17, 14, 18, 13, 16].

**random** [5]. **ranking** [6]. **Reasoning** [12].

**related** [4]. **revised** [19].

**San** [18]. **Santa** [16]. **Search** [17, 11].

**Seattle** [12]. **September** [19, 17]. **set** [4].

**Shanghai** [13]. **SLS** [17]. **Spain** [19].

**statistics** [4]. **step** [11]. **Stochastic** [17].

**Structures** [15]. **surfers** [5].

**TAMC** [13]. **Theory** [13]. **Third** [12].

**uncertainty** [4]. **USA** [18, 12, 16]. **Using** [5, 2].

**WA** [12]. **WADS** [15]. **WAW** [18]. **web** [3, 18, 11].

**web-graph** [18]. **Wired** [14].

**Wired/wireless** [14]. **Workshop** [15, 17, 18, 19].

**WWIC** [14].

## References

**Andersen:2007:LCP**

- [1] Reid Andersen, Christian Borgs, Jennifer Chayes, John Hopcraft, Vahab S. Mirrokni, and Shang-Hua Teng. Local computation of PageRank contributions. In Bonato and Chung [18], pages 150–165. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Andersen:2007:LPD**

- [2] Reid Andersen, Fan Chung, and Kevin Lang. Local partitioning for directed graphs using PageRank. In Bonato and Chung [18], pages 166–178. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Avrachenkov:2007:DPM**

- [3] Konstantin Avrachenkov, Nelly Litvak, and Kim Son Pham. Distribution of PageRank mass among principle components of the web. In Bonato and Chung [18], pages 16–28. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Ceberio:2007:ICC**

- [4] M. Ceberio, V. Kreinovich, A. Pownuk, and B. Bede. From interval computations to constraint-related set computations: Towards faster estimation of statistics and ODEs under interval,  $p$ -box, and fuzzy uncertainty. In Patricia Melin et al., editors, *Foundations of Fuzzy Logic and Soft Computing, 12th International Fuzzy Systems Association World Congress, IFSA 2007, Cancun, Mexico, June 18–21, 2007. Proceedings*, volume 4549 of *Lecture Notes in Computer Science*, page ?? Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-72917-8. LCCN ????? URL <http://www.cs.utep.edu/vladik/2006/tr06-50.pdf>.

**Constantine:2007:UPC**

- [5] Paul G. Constantine and David F. Gleich. Using polynomial chaos to compute the influence of multiple random surfers in the PageRank model. In Bonato and Chung [18], pages 82–95. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63

2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Costache:2007:PPB**

- [6] Stefania Costache, Wolfgang Nejdl, and Raluca Paiu. Personalizing PageRank-based ranking over distributed collections. In Anonymous, editor, *Proceedings of the 19th International Conference on Advanced Information Systems Engineering*, volume ????? of *Lecture Notes in Computer Science*, pages 111–126. Springer-Verlag Inc., New York, NY, USA, 2007. ISSN 0302-9743 (print), 1611-3349 (electronic).

**Melucci:2007:PWO**

- [7] Massimo Melucci and Luca Pretto. PageRank: when order changes. In Anonymous, editor, *Proceedings of the 29th European Conference on IR Research*, volume ????? of *Lecture Notes in Computer Science*, pages 581–588. Springer-Verlag Inc., New York, NY, USA, 2007. ISSN 0302-9743 (print), 1611-3349 (electronic).

**Qiao:2007:EAP**

- [8] Jonathan Qiao, Brittany Jones, and Stacy Thrall. An efficient algorithm and its parallelization for computing PageRank. In Anonymous, editor, *Proceedings of the 7th international conference on Computational Science, Part I: ICCS 2007*, *Lecture Notes in Computer Science*, pages 237–244. Springer-Verlag Inc., New York, NY, USA, 2007. CODEN 4487. ISBN 3-540-72583-0. ISSN 0302-9743 (print), 1611-3349 (electronic).

**Volkovich:2007:DFB**

- [9] Yana Volkovich, Nelly Litvak, and Debora Donato. Determining factors be-

hind the PageRank log-log plot. In Bonato and Chung [18], pages 108–123. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Wicks:2007:PCP**

- [10] John Wicks and Amy Greenwald. Parallelizing the computation of PageRank. In Bonato and Chung [18], pages 202–208. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Zhang:2007:SPW**

- [11] Li Zhang, Tao Qin, Tie-Yan Liu, Ying Bao, and Hang Li. N-step PageRank for Web search. In Anonymous, editor, *Proceedings of the 29th European Conference on IR Research*, volume ??? of *Lecture Notes in Computer Science*, pages 653–660. Springer-Verlag Inc., New York, NY, USA, 2007. ISSN 0302-9743 (print), 1611-3349 (electronic).

**Furbach:2007:ART**

- [12] Ulrich Furbach and Natarajan Shankar, editors. *Automated Reasoning: Third International Joint Conference, IJCAR 2006, Seattle, WA, USA, August 17–20, 2006: Proceedings*, volume 4130 of *Lecture Notes in Computer Science Ser.* Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-37187-7 (paperback), 3-540-37188-5 (e-book). LCCN QA76.9.A96 I33

2006. URL <http://WX7CF7ZP2H.search.serialssolutions.com/?V=1.0\%26L=WX7CF7ZP2H\%26S=JCs\%26C=TC>.

**Cai:2007:TAM**

- [13] Jin yi Cai, S. B. (S. Barry) Cooper, and Hong Zhu, editors. *Theory and applications of models of computation: 4th international conference, TAMC 2007, Shanghai, China, May 22–25, 2007: proceedings*, volume 4484 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-72503-2 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA267.7 .T36 2007. URL <http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=4484>.

**Boavida:2007:WWI**

- [14] Fernando Boavida, Edmundo Monteiro, and Saverio Mascolo, editors. *Wired/wireless Internet communications: 5th international conference, WWIC 2007, Coimbra, Portugal, May 23–25, 2007. proceedings*, volume 4517 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-72694-2 (softcover). LCCN ????

**Dehne:2007:ADS**

- [15] Frank Dehne, Jörg-Rüdiger Sack, and Norbert Zeh, editors. *Algorithms and Data Structures. 10th International Workshop, WADS 2007, Halifax, Canada, August 15–17, 2007. Proceedings*, volume 4619. Springer-Verlag Inc., New York, NY, USA, 2007. CODEN LNCSD9. ISBN 3-540-73948-3. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN ????

**Menezes:2007:ACC**

- [16] A. J. (Alfred J.) Menezes, editor. *Advances in cryptology — CRYPTO 2007: 27th Annual International Cryptology Conference, Santa Barbara, CA, USA, August 19–23, 2007: proceedings*, volume 4622 of *Lecture notes in computer science*, 0302-9743. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-74142-9 (paperback). LCCN QA76.9.A25 C79 2007. URL <http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=4622>.

**Stutzle:2007:ESL**

- [17] Thomas Stützle, Mauro Birattari, and Holger H. Hoos, editors. *Engineering Stochastic Local Search Algorithms. Designing, Implementing and Analyzing Effective Heuristics, International Workshop, SLS 2007, Brussels, Belgium, September 6–8, 2007, Proceedings*, volume 4638 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-74445-2.

**Bonato:2007:AMW**

- [18] Anthony Bonato and Fan R. K. Chung, editors. *Algorithms and models for the web-graph: 5th international workshop, WAW 2007, San Diego, CA, USA, December 11–12, 2007: proceedings*, volume 4863 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-77003-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.A43 W39 2007; QA76.9.A43 W428 2007; QA76.9.A43 W428 2007; Internet; QA76.9.A43 W63 2007. URL <http://www.springerlink.com/content/978-3-540-77003-9>.

**Botana:2007:ADG**

- [19] Francisco Botana and Tomas Recio, editors. *Automated deduction in geometry: 6th international workshop, ADG 2006, Pontevedra, Spain, August 31–September 2, 2006. revised papers*, volume 4869 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 2007. ISBN 3-540-77355-X (softcover). LCCN QA448.D38 I577 2006. Revised papers from the 6th International Workshop (ADG 2006) held at the University of Vigo, Pontevedra, August 31–September 2, 2006.