

Bilan des publications sur la période 1998 -- 2009

Reuves Internationales et Chapitres de Livre.

Scheduling with Communication Delay,

Giroudeau, R.; König, Dans Multiprocessor Scheduling : Theory and Applications, ARS Publishing, 1-26, 2007.

Complexity and Approximation for Precedence Constrained Scheduling Problems with Large Communication Delays.

Giroudeau, R.; König, J.C.; Palaysi, J.; Moulai, F. , Theoretical Computer Science , 2008 , 401 1—3, 107-119

General non-approximability results in precedence of hierarchical communications,

Giroudeau R., König J.C., European Journal of Operational Research , 2008, 184, 2,441-457

AT-Dist: A Distributed Method for localization with High Accuracy in Sensor Networks,

Saad C., Benslimane A., König J-C., International Journal Studia Informatica Universalis, Special Issue on “Wireless Ad Hoc and Sensor Networks”, 6, 1 (2008)

An approximation algorithm for the precedence constrained scheduling problem with hierarchical communications,

Bampis E., Giroudeau R., König J.C. – TCS, 2003, 290(3):1883-1895.

On the Hardness of Approximating the Precedence Constrained Multiprocessor Scheduling Problem with Hierarchical Communications.

Bampis E., Giroudeau R., König J.C. – RAIRO-RO, 2002, Vol. 36, n° 1, pp. 21-36

Oriented Hypercubes

Fraigniaud P., König J.C., Lazard E. – Networks, 2002, Vol. 39, n°2, pp. 98-106.

Using duplication for multiprocessor scheduling problem with hierarchical communications,

Bampis E., Giroudeau R., König J.C. – Parallel Processing Letters, 10(1):133-140, 2000.

Optimized Broadcasting and Multicasting in Cut Through Routed Networks,

Cohen J., Fraigniaud P., König J-C., A. Raspaud – IEEE TPDS, 9(8), 788-802, 1998

Oriented Torus Diameter,

König J.C., Krumme D., Lazard E. – Networks, 32(1), 1-11, 1998.

Optimal Schedules for d-D grid Graphs with Communication Delays,

Bampis E., Delorme C., König J-C – Parallel Computing, 24(11), 1653-1664, 1998.

Efficient Algorithms for the parallel Gaussian Elimination on Distributed Memory Machines,

Amoura A., Bampis E., König J-C. – IEEE TPDS, 9(7), 679-686, 1998

On gossiping with restricted buffers,

König J-C., Rao S., Trystram D. – Parallel Algorithms and Applications Journal, 13, 117-133, 1998

Reuves Nationales.

Application de méta-heuristiques au problème d'ordonnancement statique de processus sur architectures parallèles,
Rahoual M., König J-C. – *Calculateurs Parallèles, Réseaux et Systèmes répartis*, 10(6): 699-225, 1998.

Conférences Internationales.

Isomorphic coupled-task scheduling problem with compatibility constraints on a single processor,
Simonin G., Giroudeau R., König J-C.
MISTA '09, Dublin, Irlande, Aout 2009.

Extended matching problem for a coupled-tasks scheduling problem,
Simonin G., Giroudeau R., König J-C.
IMFCS '09 (sél. 15%), Orlando, Floride USA, Juillet 2009.

Multi Vehicule Routing Problem with time windows for Agricultural task,
Giroudeau R., Feillet D., Hernandez F., König J-C., Naud Olivier
Odysseus, 4th Int. Workshop on Freight Transportation and Logistics, 2009.

Complexity and Approximation for scheduling problem for a torpedo,
Simonin G., Giroudeau R., König J-C.
CIE'39, Troyes, France, juillet 2009.

Ellipse Routing : A Geographic Routing Protocol for Mobile Sensor Networks with uncertain positions,
Saad C, Benslimane A., Champ J., König J-C.
GLOBECOM'08, New Orlean, LA, USA, November 08.

The MV-Decomposition: Definition and Application to the Distance-2 Broadcast Problem in Multi-Hops Radio Networks,
Cogis O., Darties B., Durand S., König J.-C., Simonet G, TCS'08: Fifth IFIP International Conference on Theoretical Computer Science, September 2008.

AT-Angle : A Distributed Method for Localization using Angles in Sensor Networks,
Saad C., Benslimane A., König J-C.,
IEEE Symposium on Computers and Communications (ISCC'08), IEEE Computer Society, Marrakech, Marocco, July 2008,

AT-Free: A Preliminary Method for Localization Techniques in Sensor Networks,
Saad C., Benslimane A., König J-C., Turbert J., 7th IEEE International Conference on New Technologies of Distributed Systems, Marocco, 2007.

A Distributed Method to Localization for Mobile Sensors Networks,
Saad C, Benslimane A., König J-C.
IEEE Wireless Communications and Networking Conference (WCNC), Hong Kong, 2007.

MuR : A Distributed Preliminary Method For Location Techniques in Sensor Networks,
Saad C, Benslimane A., König J-C.
2nd IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob), Montreal Canada, 2006

Complexity and approximation for the precedence constrained scheduling problem with large communication delays.

Giroudeau R., König J.C., Moulai , Palaysi J. – Europar 2005, LNCS, No 3648, pages 252-261

A distributed Method for dynamic resolution of BGP Oscillations.

Ahronovitz E., König J.C., Saad C. – 20th IEEE International Parallel and Distributed Processing Symposium (IPDPS), April 2006, Rhodes Island, Grèce.

General non approximability results in presence of hierarchical communications.

Giroudeau R., König J.C. – ISPDC/HeteroPar'04, IEEE, 2004, pp. 312-319.

Construciton of low cost and low diameter steiner trees for multipoints groups.

Irlande A., König J.C., Laforest C; - SIROCCO'00 : 7th International Colloquium on Structural Information and Communications Complexity, 2000, pp. 197-210.

A heuristic for the precedence constrained multiprocessor scheduling problem with hierarchical communications.

Bampis E., Giroudeau R., König J.C. – STACS'00 : 17th Annual Symposium on Theoretical Aspects of Computer Science (LNCS : 1770), 2000, pp. 443-454.

On the list colouring problem.

Cogis O., König J.C., Palaysi J. – ASIAN'02 : Asian Computing Science Conference, 2002, n° 2550, pp. 47-56.

Using duplication for the precedence constrained multiprocessor scheduling problem with hierarchical communications,

Bampis E., Giroudeau R., König J.C. , In P. Amestoy et al., editor, Europar'99 Parallel Processing, LNCS, No 1685, pp 369-372, Springer-Verlag, 2000.

Divers

Conférences Invitées : JIM99, ICO 99, AlgoTel 99 (conférence Nationale)

Conférences Nationales (avec un taux de sélection significatif).

Contrôle de routes par des appareils de surveillance (CRAS).

Cogis O., König J-C., Palaysi J., Darties B., Durand – AlgoTel 05

Coloration sur Listes.

Cogis O., König J-C., Palaysi J. –AlgoTel 02, pp. 41-47.

Incrémentalité pour l'arbre de Steiner

Irlande A., König J-C., Laforest C. – AlgoTel'00 : Rencontres Francophones sur les Aspects ALGOrithmiques des TELÉcommunications, 01/01/2000, p. 173-178.

L'impact des communications hiérarchiques sur les problèmes d'ordonnement,

E. Bampis, R.Giroudeau, J-C König, In renpar 11, pp97-102, 1999

Avant 1998 :

Principales Revues Internationales :

Operations research 97, EJOR 96 (2 papiers différents), TCS 95, DAM 94, J. on Computing and Information 94, Discrete Math. 93, PPL 92 (2 papiers différents), parallel Computing 91, DAM 89.

Principales Revues Nationales :

TSI 91, CRAS série I 89, TSI 88, CRAS série I 88.

Principales Conférences Internationales :

IPPS '97, STACS 96, EuroPar 96, ParCo 95, PARLE 94, PDCES 92, DMCC6 91, WPDA 89, IWDA 88

Une dizaine de conférences invitées ou sans sélection.

