CV

Nicolas Nisse
Engineer Supélec, Ph.D. in Computer Sciences

Project team Mascotte,
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26th November 1980
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Current Position

INRIA Research Officer (Chargé de recherche 2nd classe) since Sept. 2009
in the team project MASCOTTE, INRIA, I3S (CNRS/UNS)

Education

doctoral school of University Paris-Sud (Orsay), mention Très Honorable
Title : Graph Searching and related problems. Graph minors, connected search strategies, and
distributed approach.
under the supervision of Pierre Fraigniaud,
defended July the 2nd, 2007, LRI, Orsay, France
Jury :
– Jean-Paul Allouche, DR CNRS, LRI, jury president
– Pierre Fraigniaud, DR CNRS, LRI, supervisor
– Dieter Kratsch, Professor, Université de Metz, LITA, Referee
– Dimitrios M. Thilikos, Professor, Université d’Athènes
– Stéphan Thomassé, Professor, Université Montpellier 2, LIRMM, Referee

2003-2004 : Master thesis in Informatics, DEA Informatique Distribuée, mention Très Bien,
doctoral school of University Paris-Sud, Orsay, France.

2001-2004 : Engineer Supélec Supélec, Gif-sur-Yvette, in the field of information and energy sciences.

2001-2002 : Licence of Mathematics, mention Bien Université Paris VI


Languages

French (mother tongue). English, Spanish (fluent). German (basic notions).
Professional Experiences

2008-2009: Postdoctoral fellow INRIA in the project MASCOTTE, I3S, CNRS UMR6070, Université Nice Sophia Antipolis, INRIA.

2007-2008: Postdoctoral fellow in the project Anillo en Redes, Departamento de Ingeniería Matemática, Universidad de Chile, Santiago, Chile.

2004-2007 (3 years, Orsay) Ph.D at LRI, Univ. Paris-Sud under the supervision of Pierre Fraigniaud.


March-August 2004 (6 months, Orsay) Master internship at LRI, under the supervision of Pierre Fraigniaud. Study of connected graph searching in graphs.

June-August 2003 (3 months, CEA Cadarache) Engineer internship at IRSN, Study of the behaviour of a thermocouple type K at high temperature.


Teaching

Master 2 UBINET (Ubiquitous Networking and Computing) Univ. de Nice Sophia Antipolis.

2009-2010 (6 h)

Graph Theory (gathering problem, compact routing)

Master 2 MDFI (Discrete Mathematics and Computer Sciences) Univ. de la Méditerranée.

2008-2009 (20h), 2009-2010 (10 h)

Graph Theory (flows, matching, linear programming, graph decompositions)

Supélec (engineer school), dpt Informatics Gif-sur-Yvette.

2006-2007

Computer Systems Architecture, 27h
Data Structures and Algorithms (Java), 18h TP
Software Engineering and Deployment of Systems 36h TP
Programming Model 18h TP

2005-2006

Computer Systems Architecture, 27h TP
Data Structures and Algorithms (Java), 36h TP
Software Engineering and Deployment of Systems 36h TP

2004-2005

Computer Systems Architecture, 63h TP
Software Engineering and Deployment of Systems 36h TP

Nicolas Nisse
List of Publications

International Journals (9)


Proceedings of International Conferences (15)


Nicolas Nisse


Proceedings of National Conferences (10)


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**International Conferences without Proceedings (2)**


2. N. Nisse, *Graph Searching and Graph Decompositions*. 24th European Conference on Operational Research (*EURO*), 2010

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**Submitted/In progress/Technical Reports**


*Note. You can find my publications here : http://www-sop.inria.fr/members/Nicolas.Nisse/publications/*
Creation of the international workshop IMAGINE*

International workshop on Mobility, Algorithms and Graph theory In dynamic NEtworks

In collaboration with Nathalie Mitton (INRIA Research Officer, Lille) et David Ilcinkas (CNRS Research Officer, Bordeaux), I created and organized the international workshop IMAGINE.

This workshop aims at letting junior researchers around the world know each other and to have a larger view of the recent results of their peers, in order to favor future collaboration.

It is totally managed by junior researchers (Ph.D. students or people who has defended their thesis for no more than 2 years) relative to the area of dynamic wireless networks, evaluated by junior researchers. Obviously, any researcher can attend it.

Third past editions.

Participation to conference Program Committees


Students supervision

- Undergraduate intern. of Henry Wei Cheng HSU, co-sup. with D. Coudert (Apr.-Aug 2010)
- Undergraduate internship of Sonia Belhareth, co-sup. with D. Coudert (Jan.-May. 2010)
- Undergraduate internship of Saber Bennejma, co-sup. with D. Coudert (Sept-Dec. 2009)
- Master thesis of Ronan Soares, co-supervision with D. Coudert (March-May 2009)
- Undergraduate intern. of Matthieu Rajoelison, co-sup. with P. Berthomé (March-May 2007)

Participation to national and international projects

2010 - Member of the Europeean project STEP EULER
2009 - Member of the DCR-project (Collaboration Alcatel-Lucent belgium/ INRIA)
2006 - Member of the project ANR ALPAGE
2004 - Member of ResCom, GdR CNRS ”ASR”
2008 - 2010 Involved in the project AEOLUS IST/FET Project
2005 - 2009 Involved in the Action COST 295 ”DYNAMO”
2007 - 2008 Member of the project Anillo en Redes
2004 - 2007 Member of the ACI FRAGILE
2004 - 2006 Member of the ACI PairAPair

* For more information : http://www-sop.inria.fr/members/Nicolas.Nisse/IMAGINE

Nicolas Nisse
Collaborations

MASCOTTE, INRIA, I3S, CNRS, UNS
DIM, University of Chile
LaBRI, University of Bordeaux 1
LIF, University of Méditerranée
LRI, University of Paris-Sud 11
LaBRI, University of Bordeaux 1
MASCOTTE, INRIA, I3S, CNRS, UNS
LIRMM, University of Montpellier 2
LIP, ENS Lyon
University of Bergen, Norway

post-doctorat (1 an, sept. 2008- august 2009)

DIM, University of Chile
post-doctorat (1 an, sept. 2007- august 2008)
collaboration with D. Ilcinkas (1 week, march 2009)
collaboration with V. Chepoi (10 days, jan. 09)
collaboration with P. Berthomé (2 weeks, may 2008)
collaboration with F. Mazoit (1 week, may 2007)
collaboration with D. Coudert (10 days, dec 2006)
collaboration with S. Thomassé (1 week, nov 2006)
collaboration with F. Mazoit (1 week, april 2006)
collaboration with F. Fomin (1 week, march 2005)

Reviews

Reviews for journals
- Theory of Computing Systems
- Theoretical Computer Science
- Discrete Applied Mathematics
- SIAM Journal on Computing
- SIAM Journal on Discrete Mathematics
- Journal of Combinatorial Optimization
- Transactions on Parallel Distributed Systems
- Techniques et Science Informatiques

Conference Reviews
- 2010, ESA, FUN, SIROCCO, WG, AlgoTel, MajecSTIC, JDIR
- 2009, OPODIS, SIROCCO, WG, AlgoTel, MFCS
- 2008, SODA, WG, COCOA, OPODIS
- 2007, STACS, AlgoTel
- 2006, STACS, DISC, SSS, AlgoTel
- 2005, DISC, WG
Presentations

International meetings

Invited Talks
- GRASTA 2008, Redonda, Ceará, Brasil, February 27th, 2008
- GRASTA 2006, Anogia, Crete, October 10th, 2006

Conferences
- FCC 2010, Orsay, France, June 28th, 2010
- AGT 2009, Warwick, Great Britain, March 24th 2009
- Workshop COST 293 GRAAL, Arcachon, France, Sept. 25th 2008 (selection on abstract)
- WG 2007, Dornburg, Germany, June 21st, 2007
- SIROCCO 2006, Chester, Great Britain, July 3rd, 2006
- WG 2006, Bergen, Norway, June 23rd, 2006
- LATIN 2006, Valdivia, Chile, March 21st, 2006
- MFCS 2005, Gdansk, Poland, September 1st, 2005

Seminaries
- Seminar of the project Anillo en Redes (DIM), Santiago, Chile, August 22nd, 2008
- Seminar of the project Anillo en Redes (DIM), Santiago, Chile, October 12th, 2007

Meetings
- JCALM 2009, Sophia Antipolis, France, October 19th, 2009
- JCALM 2007, Montpellier, France, April 27th, 2007
- GROW 2005, Prague, Czech Republic, October 19th, 2005

National meetings

Conferences
- AlgoTel 2010, Belle Dune, 3 juin 2010
- AlgoTel 2008, Saint Malo, 14th May 2008
- AlgoTel 2007, Ile d’Oléron, 30th May 2007
- AlgoTel 2006, Trégressat, 11th May 2006
- AlgoTel 2005, Presqu'île de Giens, 11th May 2005

Seminaries
- Seminar of the project MASCOTTE, INRIA Sophia Antipolis, France, January 12th, 2010
- Seminar of the team Graphes et applications, LaBRI, Bordeaux, March 13th 2009
- Seminar of the LIFL, Lille, March 5th 2009
- Seminar of the team CRO, LIF, Marseille, Dec. 15th 2008
- Seminar of the team MoVe, LIF, Marseille, October 30th, 2008
- Seminar of the project MASCOTTE, INRIA Sophia Antipolis, France, October 9th, 2008
- Seminar of the team GraphComb, LRI, Orsay, May 25th, 2007
- Seminar of the team Graphes et applications, LaBRI, Bordeaux, May 11th, 2007
- Seminar of the project MASCOTTE, INRIA Sophia Antipolis, December 19th, 2006
- Seminar of the team MC2, LIP, Lyon, April 12th, 2006
- Seminar of the team GraComm, LRI, Orsay, January 13th, 2006
- Seminar of the team GraComm, LRI, Orsay, February 18th, 2005

Meetings
- Réunion INRIA/Alcatel Lucent Bel/LaBRI, Bordeaux, December 3rd, 2009
- Réunion ALADDIN, Bordeaux, November 27th, 2009
- Réunion INRIA/Alcatel Lucent Bel/LaBRI, Carry-le-Rouet, June 15th, 2009
- Réunion FRAGILE, Paris, 19 juin 2007
- Journées Graphes et Algorithmes 2006, Orléans, November 9th, 2006
- Réunion FRAGILE, Oléron, September 7th, 2006
- Journées ResCom, Lille, March 6th, 2006
- Journées Graphes et Algorithmes 2005, Bordeaux, November 3rd, 2005
- Réunion FRAGILE, Aussois, March 23rd, 2005
- Réunion TAROT, Lyon, October 14th, 2004
- Journées Graphes et Algorithmes 2004, Grenoble, September 29th, 2004