

LIX, École Polytechnique
91128 Palaiseau Cedex
FRANCE.

<http://www.lix.polytechnique.fr/~fvalenci>
frank.valencia@lix.polytechnique.fr
Tel: +33(0) 169 33 4144

Curriculum Vitae

Frank D. Valencia Posso

February, 2009

1 Personal Information

FAMILY NAME	VALENCIA POSSO
GIVEN NAME	Frank D.
YEAR OF BIRTH	1973
CITIZENSHIP	Colombian

2 Employment

- CNRS CR1 Scientist at LIX École Polytechnique, France. 2009–.
- CNRS CR2 Scientist at LIX École Polytechnique, France. 2004–2008.
- Postdoctoral Researcher at Uppsala Univ., Sweden. 2002–2004.
- Research Assistant at BRICS, Univ. of Aarhus, Denmark. 2002.
- Teaching Assistant at BRICS, Univ. of Aarhus, Denmark. 1999–2001.
- Ph.D Student at BRICS, Univ. of Aarhus, Denmark. 1998–2002.
- Lecturer at the Univ. Javeriana Cali, Colombia. 1996–1998.
- Research Assistant at the Univ. Javeriana Cali, Colombia. 1996–1998.
- Teaching Assistant at the Univ. Javeriana Cali, Colombia. 1994–1996.

3 Main Research Interests

- Concurrency Theory and its relation to Logical Approaches.
- Constraint Satisfaction Problems.

4 Education

- Ph.D in Computer Science, BRICS, Univ. of Aarhus, Denmark. 2002.
- Masters in Computer Science, BRICS, Univ. of Aarhus, Denmark. 2000
- B.Sc. in Computer Science, Universidad Javeriana Cali, Colombia. 1996.

5 Professional Activity

PC Member for International Conferences

- 25th International Conference on Logic Programming (ICLP'09), 2009.
- 24th International Conference on Logic Programming (ICLP'08), 2008.
- 15th International Workshop on Expressiveness in Concurrency (EXPRESS'08), 2008.
- 31st Latin American Computing Conference (CLEI'05). 2005.
- 21st International Conference on Logic Programming (ICLP'05). 2005.
- Fifth International Conference on Principles and Practice of Declarative Programming (PPDP'03). 2003

Organization of Scientific Events

- Co-organizer of the LIX Colloquium on Emergent Trends in Concurrency Theory. 2006.
- Co-organizer of the COMETE-PARSIFAL seminar series at LIX, École Polytechnique. Since 2004.
- Organizer of the workshop Constraint and Logic Programming in Security (COLOPS): A satellite event of the 19th International Conference on Logic Programming. Tata Inst. of Fundamental Research, India. 2003
- Founder and Organizer of the Concurrency Workshop (COW) meetings at BRICS, Univ. of Aarhus, Denmark. 2000.

Editorial Activity

- Co-editor of the proceedings of *SOFSEM 2009: 35th Conference on Current Trends in Theory and Practice of Computer Science*, Czech Republic. Volume 5404 of LNCS. @Springer, 2009.
- Co-editor of the proceedings of *LIX Colloquium: Emergent Trends in Concurrency Theory*. Volume 209 of ENTCS. @Elsevier, 2008.
- ALP Newsletter (Association of Logic Programming, Concurrency Area). 2004–.

Invited Talks at International Conferences

- Invited Speaker at CLEI'05. 2005.
- Invited Tutorial Speaker at ICLP'03. 2003.

Team Participation

- Member of INRIA Team COMETE. Since 2004.
- Member of team AVISPA: Funded by the Colombian government and the French research center IRCAM. Since 1998.

Projects and grants

- Co-director of the project *FORmalisms from Concurrency for Emergent Systems (FORCES)*. Funded by the INRIA program *Equipes Associées*. 2007–.
- Co-director of the project *Robust theories for Emergent Applications of Concurrency Theory (REACT)*. Funded by the Colombian Government. 2007-2009.
- Leader of project *COncstraints and COncurrency in Security (COCOS)*. Funded by the Universidad Javeriana Cali. 2006.
- Member of the Constraint Technology Research Group ASTRA (See <http://www.it.uu.se/research/group/astra>). 2004.
- Member of PROFUNDIS: A project funded by EU proactive initiative FET-Global Computing. 2003.

6 Awards & Recognition

- Best Student Paper Award for single authored paper “*Timed Concurrent Constraint Programming: Decidability Results and their Application to LTL*”. The 19th International Conference on Logic Programming. 2003. LNCS, © Springer-Verlag.

7 Invited Contributions

- Book Chapter: Mogens Nielsen and Frank D. Valencia. *Notes on Timed CCP*. To appear in LNCS volume dedicated *the 4th Advanced Course on Petri Nets ICPN'03*. © Springer-Verlag. 2003.
- Book Chapter: Camilo Rueda and Frank D. Valencia. *On validity in modelization of music problems in ccp*. To appear in Special Issue of Soft Computing on Formal Systems and Music, Editors G. Assayag, V. Cafagna, and M. Chemillier. © Springer-Verlag.
- Book Chapter: Mogens Nielsen and Frank D. Valencia. *Temporal Concurrent Constraint Programming: Applications and Behavior*. Chapter 4 in *Formal and Natural Computing: Essays Dedicated to Grzegorz Rozenberg*, volume 2300 of LNCS. © Springer-Verlag, Feb. 2002.

- Conference: Frank D. Valencia. *Concurrency, Time and Constraints*. LNCS volume dedicated to the 19th International Conference on Logic Programming. 2003. © Springer-Verlag.
- Newsletter: Mogens Nielsen and Frank D. Valencia: Mogens Nielsen and Frank D. Valencia. *Temporal Concurrent Constraint Programming: A Framework for Discrete-Timed Systems*, Vol 15 no. 4 of the Association for Logic Programming (ALP) Newsletter. 2002.
- Bulletin: Catuscia Palamidessi and Frank D. Valencia. *Recursion vs Replication in Process Calculi*. In Bulletin of the EATCS 87: 105-125. 2005.
- Bulletin: Catuscia Palamidessi and Frank D. Valencia. *Languages for Concurrency*. In Bulletin of the EATCS 90: 155-171. 2006.

8 Teaching

- *Concurrency* at the Parisian Master of Research in Computer Science. Université Paris 7. Lecturer for the *Expressiveness* part of the course. 2008.
- *Models of Concurrency*, Universidad Javeriana Cali. Colombia. Lecturer. 2003–2006.
- *Informatique Fondamentale*. Ecole Polytechnique. France. Teaching Assistant (TA). 2005.
- *Computability*, Universidad del Valle, Colombia. Lecturer. 2005
- *Process Algebra*, Uppsala University, Sweden. Invited Lecturer. 2003.
- *Models of Concurrency*, University of Aarhus, Denmark. Minicourse. 2004.
- *Models and Logic*, University of Aarhus, Denmark. TA. 2001.
- *Semantics of Computation*, University of Aarhus, Denmark. TA. 1999.
- *Concurrency*, University of Aarhus, Denmark. TA. 1999.
- *Program Verification*, Universidad Javeriana Cali, Colombia. Lecturer. 1996–1997.
- *Algorithms*, Universidad Javeriana Cali, Colombia. TA. 1995–1996.
- *Compilers*, Universidad Javeriana Cali, Colombia. TA. 1995–1996.
- *Programming Languages*, Universidad Javeriana, Colombia. TA. 1994–1995.

9 Student Supervision

- PhD co-supervisor of Carlos Olarte. École Polytechnique de Paris. 2006-2009.
- PhD co-supervisor of Jesus Aranda. École Polytechnique de Paris and Universidad del Valle Colombia. 2006-2009.
- BSc co-supervisor of Hugo Lopez and Andres Aristizabal. BSc Co-Supervision. Pontificia Universidad Javeriana Cali, Colombia. Thesis subject: Mobility and Security. 2004–2005
- BSc co-supervisor of Maria del Pilar Munoz and Rene Hurtado. BSc Co-Supervision. Pontificia Universidad Javeriana Cali, Colombia. Thesis subject: Reactive Systems. 2003–2004.

10 Complete List of Publications

See <http://www.lix.polytechnique.fr/~fvalenci/publications.html>.