

Laurent Mignet

Curriculum Vitae

Personal Information

Home address:

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Date and Place of Birth: April 23, 1974. Villiers le Bel, France.

Citizenship: French.

Research Interest

- **Fields:** Databases, Web systems
- **Focus:** Databases, XML technologies, data mining and Peer to Peer

Education

- **Ph.D.** in C.S, CNAM Paris, INRIA [Oct. 1998 – Nov. 2001]
Thesis: *Change Control on Semistructured Data*
Supervisors: Serge Abiteboul and Michel Scholl
- **M. Sc.**, University of Paris VI, Computer Science [Sept. 1997]
Thesis: *Aide à la recherche sur le Web.*
Supervisors: Sophie Cluet and Marie-Christine Rousset
- **B.S.**, University of Montpellier II (France), Science [June 1996]

Skills & Scholarships

- Bilingual in French and English
- University of Toronto Post Doctoral Fellowship [2002 – 2003]
- INRIA Post Doctoral Fellowship [2001 – 2002]
- Selected technical skills:
 - Unix, Linux, Windows; C, C++, Java.
 - Database and Internet systems.

Academic Experience

- **Post-Doc**, Dept. of C.S, University of Toronto [Dec. 2001 – present]
- **Part-Time Instructor**, University of Toronto: [May. 2003 – August. 2003]
 - Introduction to Databases. [Summer 2003]
- **Part-Time Instructor**, University of Toronto: [Jan. 2003 – April. 2003]
 - Database Implementation. [Winter 2003]
- **Teaching Assistant**, CNAM Paris: [Jan. 1999 – June 2000]
 - Relational Databases: Theory and SQL [Winter 1999]
 - Relational Databases: Theory and SQL [Winter 2000]
- **Teaching Assistant**, : [Sept. 1999 – Jan. 2000]
 - Oracle and SQL [Fall 1999]

Publications

Refereed Journals

- [J2] Serge Abiteboul and Al. A Dynamic Warehouse for XML Data of the Web. *IEEE Data Engineering Bulletin*, 24(2):40–47, June 2001.
- [J1] Serge Abiteboul, Sophie Cluet, Laurent Mignet, and Tova Milo. Declarative Specification of Electronic Commerce Applications. *IEEE Data Engineering Bulletin*, 23(1):37–42, March 2000.

Refereed Conferences

- [P3] Laurent Mignet, Denilson Barbosa, and Pierangelo Veltri. The XML Web: a First Study. In *Proceedings of the 12th International World Wide Web Conference*, Budapest - Hungary, May 2003. to appear.
- [P2] Serge Abiteboul, Bernd Amann, Sophie Cluet, Anat Eyal, Laurent Mignet, and Tova Milo. Active View for Electronic Commerce. In *Very Large DataBase Conference*, Edinburgh - Scotland, September 1999.
- [P1] Amélie Marian, Serge Abiteboul, Grégory Cobéna, and Laurent Mignet. Change-Centric Management of Versions in an XML Warehouse. In *Very Large DataBase Conference*, Rome - Italy, September 2001. also appeared in BDA'2000.

Other Conferences

- [O4] Serge Abiteboul and Al. XML Repository and Active Views Demonstration. In *Proceedings of 25th International Conference on Very Large Data Bases*, pages 742–745, Edinburgh - Scotland, September 1999.
- [O3] Laurent Mignet, Vincent Aguiléra, Sébastien Ailleret, and Pierangelo Veltri. XyRo : The Xyleme Robot Architecture. First workshop Data Integration over the Web, June 2001.
- [O2] Laurent Mignet, Mihai Preda, Serge Abiteboul, Sébastien Ailleret, Bernd Amann, and Amélie Marian. Acquiring XML pages for a WebHouse. In *Base de Données Avancées*, pages 241 – 263, 2000.
- [O1] Benjamin Nguyen, Serge Abiteboul, Grégory Cobéna, and Laurent Mignet. Query Subscription in an XML Webhouse. In *Proceedings of the First DELOS Network Excellence Workshop*, pages 109–114, Zurich, December 2000. ERCIM.

Industrial Experiences and Research Grants

- Consultant for Xyleme [Oct. 2000 – July 2001]
Technology transfer and System & Network administrator:
 - Xyleme HTTP Crawler - C/C++ - Linux/Corba.
 - Xyleme SMTP Client - C/C++ - Linux/Corba.
 - Xyleme Metadata Manager - C/C++ - Linux Corba.

- GAEL project (French RNTL label) [1999 – 2001]
Electronic Commerce and Web Catalog.
Cooperation between INRIA - LRI and MatchVision (an E-commerce startup).
– Active View Prototype - Java/RMI/O₂.
- French-Israeli Cooperation in Factory of the Future [1998 – 2000]
Active View for Manufacturing System

Talks

Conference Talks

- *Xyro: The Xyleme Robot Architecture*, in DIWeb'01 [Interlaken, June 2001]
- *Acquiring XML pages for a Webhouse*, in BDA'00 [Blois, Oct. 2000]
- *XML repository and Active View Demonstration*, in VLDB'99 [Edinburgh, Sept. 1999]

Seminars

- *The XML Web: a First Study*, University of Montpellier II. [Dec. 2002]
- *The XML Web: a First Study*, Gemo project, INRIA. [Dec. 2002]
- *Xyleme: Three Change Aspects*, Database Group, University of Toronto. [Mar. 2001]
- *Monitoring XML Data on the Web*, Engineering School, University of Toronto. [Apr. 2001]

Academic Activities

Program Committee

- First workshop of Data Integration over the Web [June 2001]

Additional Referees

- Sigmod 2003
- VLDB 2002
- Sigmod 2002

Undergraduate Supervision in cooperation with S.Abiteboul:

Sébastien Ailleret (1999), Bruno Tessier (1999), Jérémy Jouglet (2000)

References

- Professor Serge Abiteboul, INRIA Futurs, Domaine de Voluceau, BP 105, 78153 Le Chesnay Cedex, France
Phone Number: +33 1 39 63 55 37 `serge.abiteboul@inria.fr`
- Professor Sophie Cluet, INRIA Futurs, Domaine de Voluceau, BP 105, 78153 Le Chesnay Cedex, France
Phone Number: +33 1 39 63 52 65 `sophie.cluet@inria.fr`
- Professor Alberto Mendelzon, Department of Computer Science, University of Toronto 40 St George Street, Toronto, Canada, M5S 2E4
Phone Number: +1 416 978 2952 `mendel@cs.toronto.edu`
- Professor Tova Milo, Tel Aviv University, currently in sabbatical at INRIA Futurs, Domaine de Voluceau, BP 105, 78153 Le Chesnay Cedex, France
Phone Number: +33 1 39 63 58 20 `milo@post.tau.ac.il`
- Professor Michel Scholl (*Teaching Reference*), Vertigo Group, CNAM-Paris, 292 Rue St Martin, 75141 Paris Cedex 03, France
Phone Number: +33 1 40 27 22 53 `scholl@cnam.fr`