

**Leila Schneps**

**Curriculum Vitae**

**Date of Birth:** December 22, 1961

**Place of Birth:** Waltham, Massachusetts, USA

**Nationality:** USA

**Children:** Coralie, born on March 5, 1988

Natacha, born on April 18, 1989

Alexandre, born on June 17, 2002

Melisande, born on June 17, 2002

**Education**

1983 B.A. in Mathematics and German Language and Literature  
Harvard/Radcliffe University, Cambridge, Massachusetts, USA

1985 Doctorat de Troisième Cycle in Mathematics  
Université de Paris XI, Paris, France  
Thesis Director: Professor John Coates  
Title (in English): On the  $\mu$ -invariant of  $p$ -adic  $L$ -functions attached  
to elliptic curves with complex multiplication.

1990 Doctorat de l'Université de Paris XI (Ph.D.)  
Thesis Director: Professor Guy Henniart  
Title (in English):  $p$ -Adic  $L$ -functions, and Galois groups.

1993 Habilitation, Université de Franche-Comté  
Title: On some aspects of inverse Galois theory  
President of the jury: Professor Hendrik W. Lenstra, Jr.

## Professional Positions

- 1985-86 Université Scientifique et Médicale de Grenoble, France  
Maître de Conférences (Assistant Professor)
- 1986-87 Université de Paris XI, Paris, France  
Maître de Conférences (Assistant Professor)
- 1988-89 Max-Planck Institut für Mathematik, Bonn, Germany  
Researcher
- 1989-90 Université de Paris 7, Paris, France  
Maître de Conférences (Assistant Professor)
- 1990-91 Eidgenössische Technische Hochschule, Zürich, Switzerland  
Postdoctorate Assistant
- 1991 CNRS, Faculté des Sciences de Besançon, France  
Chargé de Recherche (tenured research position)
- 1993-94 Harvard Radcliffe University  
Recipient of a one-year Bunting Science Scholarship
- 1996 Institute of Advanced Study, Princeton  
Short term visitor (January-February).
- 1999 MSRI-Berkeley, California (Fall semester)  
Research Professor for Special Semester on Galois Groups
- 2000 Change of CNRS position to Université de Paris 6, Paris, France
- 2005 Promotion in CNRS to Directrice de Recherche

## Teaching Experience

- 1980-1983: Course Assistant and grader every year for various undergraduate courses at Harvard.
- 1985-1990 Three years teaching first-year mathematics in French universities
- 1995-2001 Participation in seven successive summer programs for women in math in the US: once at the SIMS-Berkeley program and six times at the Washington University SPWM program.
- 1996-2006: Four graduate students: Leonardo Zapponi (Ph.D. 1998), Sarah Carr (Ph.D. to be completed 2006), Ismael Soudères, Benjamin Collas.

## Organizational activities

### *Inter-European Research Network*

2006-2010: Leader of University of Paris team within renewed GTEM Network, now headed by Prof. B. de Smit.

2000-2004: Head of European Research and Training Network GTEM, regrouping twelve European universities in a single research consortium with numerous exchanges of postdocs, researchers in collaboration, conferences and workshops.

### *Specific Conferences organized*

*Arithmetic and Differential Galois groups*, co-organized with D. Harbater, B.H. Matzat, M. van der Put, Mathematisches Forschungsinstitut Oberwolfach, Germany, May 13-19, 2007.

*Groupes Fondamentaux et Polylogs*, Université de Paris 6, June 20, 2003.

*Polylogarithmes, Valeurs Multizêtas et Conjecture de Deligne-Ihara*, CIRM-Luminy, France, April 17-21, 2000.

*Galois Theory and Fundamental Groups* (Introductory Workshop/von Neumann Colloquium), MSRI-Berkeley, August 16-27, 1999.

*Anabelian Day*, workshop on Grothendieck's anabelian theory, Besançon, France, April 3, 1997.

*Triangulations, Courbes Arithmétiques et Théorie des Champs*, Conference in the series 'Etat de la Recherche', Besançon, November 26-29, 1995.

*Moduli Spaces of Riemann Surfaces*, Workshop at MSRI/University of California at Berkeley, April 22-25, 1994.

*Dessins d'Enfants*, CIRM, Luminy, France, April 19-24, 1993.

## Conferences attended (since 1995)

*Groupes de Galois arithmétiques et différentiels*, CIRM-Luminy, France, March 8-12, 2004.

*Arithmetic of Fundamental Groups*, Banff International Research Center, Canada, September 6-13, 2003.

*Arithmetic Aspects of Fundamental Groups* (Euresco conference), Acquafredda, Italy, September 2-6, 2001.

*Théorie de Galois et Géométrie*, CIRM-Luminy, France, June 4-8, 2001.

*Workshop on Fundamental Groups*, Max-Planck-Institut-Bonn, Germany, May 27-June 3, 2001.

*Cascade Topology Conference*, Vancouver, Canada, October 2-3, 1999.

*Arithmetic of fields*, Oberwolfach, Germany, July 12-18, 1998.

*Journée arithmétique*, Grenoble, March 3, 1998.

*Gentner-Symposium on Field Arithmetic*, Tel Aviv, Israel, October 7-13, 1997.

*Galois groups and fundamental groups*, Oberwolfach, Germany, June 15-21, 1997.

*Arithmetic of covers*, Lille, France, June 12-14, 1996.

*Grothendieck Day*, Utrecht, Netherlands, April 12, 1996.

*Geometry and Arithmetic of Moduli Spaces*, conference co-organized with P. Lochak, of a conference at the CIRM, Luminy, France, August 28-September 1, 1995.

*Arithmetic Fundamental Groups*, Heidelberg, Germany, June 29-30, 1995.

*Annual Joint Meeting of the AMS-MAA* (Invited Plenary Lecturer), San Francisco, January 1995.

### **Lectures, seminars and short-term visits**

**USA:** Harvard University, University of California at Berkeley, MSRI, University of Southern California, Yale University, University of Cincinnati, University of Pennsylvania, George Washington University, Institute of Advanced Study (Princeton).

**Germany:** Universität Heidelberg, Universität Regensburg, Universität Bonn, Max-Planck Institut.

**England:** Cambridge University, Newton Institute

**Israel:** Technion (Haifa), Hebrew University (Jerusalem), University of Tel Aviv

**Switzerland:** Eidgenössische Technische Hochschule (Zürich)

**Italy:** Venice.

**The Netherlands:** Universität Utrecht.

**France:** Université de Paris 7, Université de Paris 11, Ecole Polytechnique, Ecole Normale Supérieure de Paris, Université de Franche-Comté, Ecole Normale Supérieure de Lyon, Séminaire de théorie des nombres de Paris, Université de Rennes, Université de Bordeaux, Université de Grenoble, Université de Strasbourg.