Curriculum Vitæ

Joëlle Despeyroux

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Address

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Employment

- 1982-Present, Research Computer Scientist ('Chargé de Recherche') at INRIA, France.

Visiting Positions

- January - March 95. Visiting scientist. Bell Labs, New Jersey, US.

Research Interests

- Logic: Logical frameworks, type theory, mechanization of proofs.

  Formal Methods: Semantics of programming languages, formal specifications and proofs, theorem proving, certified software.

Education

- 'Habilitation' in progress, with G. Cousineau, Paris VII.
- Ph.D. ('Doctorat de 3^{e} cycle'), Computer Science, University of Paris XI, France, 1982. 'An algebraic semantics of Pascal. Application to the specification of a Pascal-P-Code compiler'. Adviser: M.C. Gaudel.
- Advanced degree toward Ph.D. ('Dea'), Computer Science, University of Paris XI, 1980.
- MS ('Maitrise'), Mathematics, University of Paris XI, France, 1979.

Teaching

- Starting Fall 00: A subpart of the course that I have proposed for a master on formal methods and certified software will be given at the Dea in CS at the university of Nice, starting in Fall 2000.
- Since 99: I am giving a graduate course on mechanization of proofs at the Dea in CS, University of Nice.
- Since 95: I have been given a graduate course on Natural Semantics at the university of Marseilles from 95 to 99. New course starting in 99-00: Mechanization of proofs.

- From 86 to 89, I have given several seminars (of a couple of days) on Natural Semantics, at the universities of Paris and Turino.
- 84-85: A course on Natural Semantics, at the university of Nice.

Ph.D. Dissertation Supervision

- Guillaume Gillard: 'Formalization of concurrent and object languages' (97-.)
- Pierre Leleu: 'Higher order abstract syntax and recursion in typed theory' (95-98)
- Delphine Terrasse: 'An environment for proof development in Natural Semantics' (92-95).

Program Committee

- Futur: LFM'00. 2nd Workshop on Logical Frameworks and Meta-languages, to be held in conjunction with LICS'2000. June 2000, US. (Chairman.)
- LFM'99. Workshop on Logical Frameworks and Meta-languages, held in conjunction with PLI'99. Sept 99, Paris, France.

Responsabilities

- January 99: Beginning of the process of creation of the Inria "Certilab" project: "Formal specification, certified software".
- Member of the "Committee for Evaluation" at INRIA, since January 99.
- Member of the "Committee of Experts" at the university of Nice, since March 98.
- Since 89 ("site leader" since 94), represents the Croap group in the Esprit Basic Research Action project 'LF' and 'Types for proofs and programs', followed by the Working Group 'Types'.

Workshop and Summer School Organisation

- International 'Types' summer school on Theory and Practice of Formal Proofs, held in Giens, France, in September 99.
- Technical BRA 'Types' workshop: 'On proving properties of programming languages', Inria Sophia-Antipolis, September 1993

Personal Information

- Joëlle Despeyroux, born Savonitto.
  Born 19th January 1956 in Belfort, France.
  French citizen. Maried, three children.