

BIOSKETCH

EMMA PREVIATO

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Academic Positions:

Spring 2007: Member at the Institut Mittag-Leffler, The Royal Swedish Academy of Sciences
Fall 2005: Member at the Institut Mittag-Leffler, The Royal Swedish Academy of Sciences
2002-2003: Member at the Institute for Advanced Study, Princeton
Fall 1998-present: Professor of Mathematics, Boston University
Fall 1992 to Fall 1998: Associate Professor, Boston University
1995-96 Science Scholar at the Bunting Institute, Radcliffe College
Fall 1983 to Fall 1992: Assistant Professor, Boston University
Spring 1991: Visiting Professor, MSRI, Berkeley
Fall 1987: UK Research Council Fellow, Imperial College, London
1986-87: Member at the Institut Mittag-Leffler, Sweden
1984-85: Member at the Institute for Advanced Study, Princeton
1978-83: Graduate Student and TF at Harvard University; Italian fellowship
1974-78: Assistant and Associate Professor at the University of Padua
Other: Member, Max-Planck-Institut für Mathematik, Bonn (June-August 2003); Member, IHES, Bures-sur-Yvette (September 2002; June-July 2004); Visiting Professor, University of Paris (June 1988), Université L. Pasteur, Strasbourg (May 1998); Member, MSRI, Berkeley (June 1998, May-June 1999, June 2001); EPSRC fellow, Liverpool, UK (July 1998).

Five Most Relevant Publications:

1. *Singularities of 2Θ -divisors in the Jacobian* (preprint math.AG/9803013) *Bull. Soc. Math. France*, **129** (2001), no. 3, 449–485, with C. Pauly.
2. *Koszul complexes, differential operators and the Weil-Tate reciprocity law*, *J. of Algebra* **230** (2000), 89-100, with J.-L. Brylinski.
3. *On the Hitchin System*, *Duke Math. J.* 85 (1996), 659-683, with Bert van Geemen.
4. *Seventy Years of Spectral Curves: 1923-1993*, in: *Integrable Systems and Quantum Groups*, by R. Donagi, B. Dubrovin, E. Frenkel and E. Previato, Springer Lecture Notes in Math. 1620 (1996), pp. 419-481.
5. *Hyperelliptic quasi-periodic and soliton solutions of the nonlinear Schroedinger equation*, *Duke Math. J.* 52 (1985), 329-377.