



## CURRICULUM VITAE

Pierre SALATI

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### Academic background

1977-1981 Study in Physics at the Ecole Normale Supérieure de la rue d'Ulm.  
1981-1985 Ph.D. in Theoretical Physics at the Université de Savoie.  
Supervisor: John Ellis and Georges Girardi.  
Title of thesis: Cosmologie et physique des particules – Application à l'étude phénoménologique des leptons neutres et des particules supersymétriques.

### Employment background

1981 - 1985 Assistant Normalien at the Université de Savoie and preparation of the Ph.D.  
1985 - 1993 Maître de Conférence at the Université de Savoie.  
1987 - 1989 Fellow of the Miller Institute for Basic Research in Science at UC Berkeley, U.S.A, in the group of Joseph Silk.  
1989 - 1991 Fellow at the CERN Theory Division in the group of John Ellis.  
1991 - 1996 Junior at the Institut Universitaire de France.  
1993 - present Full professor at the Université de Savoie and researcher at LAPTH.

### Professional honors.

1989 Recipient of the médaille de bronze du CNRS in theoretical physics.  
2009 Nomination on October 1st as a senior member at the Institut Universitaire de France

### Five most significant publications in the past five years.

1. P. Brun, G. Bertone, J. Lavalle, P. Salati and R. Taillet, "**Antiproton and positron signal enhancement in dark matter mini-spikes scenarios**", Phy. Rev. **D76** 083506 (2007).
2. T. Delahaye, R. Lineros, F. Donato, N. Fornengo and P. Salati, "**Positrons from dark matter annihilation in the galactic halo: theoretical uncertainties**", Phy. Rev. **D77** 063527 (2008).
3. F. Donato, D. Maurin, P. Brun, T. Delahaye and P. Salati, "**Constraints on WIMP dark matter from the high energy PAMELA antiproton/proton data**", Phy. Rev. Lett. **102** 071301 (2009).
4. T. Delahaye, F. Donato, N. Fornengo, J. Lavalle, R. Lineros, P. Salati and R. Taillet, "**Galactic secondary positron flux at the Earth**", A&A **501** 821-833 (2009).
5. G. Belanger, F. Boudjema, P. Brun, A. Pukhov, S. Rosier-Lees, P. Salati and A. Semenov, "**Indirect search for dark matter with micrOMEGAs2.4**", Comput. Phys. Commun. **182** 842-856 (2011).