

**Marc HENNEAUX**

**Curriculum vitae - Summary**

Born on 5 March 1955, Belgian, Married (3 children)

Address : Physics Department, Université Libre de Bruxelles (ULB), Campus Plaine C.P. 231, B-1050 Brussels (Belgium)  
Tel : +32 2 6505423 Fax : +32 2 6505028 E-mail : henneaux@ulb.ac.be

Degrees (ULB):

- « Licencié en Sciences Physiques » (July 1976).
- « Docteur en Sciences » (10 March 1980).
- « Agrégé de l'Enseignement Supérieur » (January 1984).

Current employment:

- “Professeur ordinaire” (=Full Professor) (ULB) – Since October 1996.
- “Professeur au Collège de France”, chair « Champs, cordes et gravité » - since March 2018 (on leave 03/2018-03/2020)

Past employments:

- « Chargé de cours » at the University of Brussels - January 1993/September 1996.
- « Maître de recherches » at the Belgian National Science Foundation (« F.N.R.S. ») - October 1989/December 1992.
- « Chercheur qualifié » at the F.N.R.S. - October 1984/September 1989.
- NSF post-doctoral research associate and Lecturer at the University of Texas at Austin - September 1983/February 1985.
- Researcher at the « Instituts Solvay » (Belgium) - June 1983/August 1983
- Military Service – August 1982/May 1983
- Post-doctoral research associate and Lecturer at the University of Texas at Austin - October 1981/July 1982
- « Aspirant » at the F.N.R.S. - October 1977/September 1981.
- « Stagiaire de recherches » at the F.N.R.S. - October 1976/September 1977.

Current management responsibilities:

Director of the International Solvay Institutes (Belgium) – Since January 2004.

Past management responsibilities:

Director of the « Service de physique théorique et mathématique » (ULB) – May 1998-October 2012.

Research Interests: gravity, quantum field theory, string theory, cosmology

Francqui Prize: Year 2000 (Belgium) – « *for his exceptional contributions to our understanding of the forces of Nature* », in particular for having « *anticipated by more than ten years ... a crucial step for understanding the challenge raised by the incorporation of Einstein general relativity in quantum mechanics.* » (citation of the Jury)

Other Prizes and Scientific Distinctions :

- Laureate of the « Concours des bourses de voyages » organized by the « Ministère de l'Education Nationale » (Belgium) – 1978

- Fulbright travel grants (1978-1979 and 1980-1981), NATO grant (1983-1984)
- Prize of the annual competition organized by the Royal Academy of Belgium - 1982.
- Théophile De Donder Prize- Royal Academy of Belgium - 1984.
- Louis Empain Prize (Belgium) - December 1989.
- Adjunct Professor - Centro de Estudios Científicos (Chile) - Since 1985.
- Corresponding Member of the Royal Academy of Belgium – May 2002-May 2004.
- Member of the Royal Academy of Belgium – Since May 2004.
- Francqui Chair – Vrije Universiteit Brussel – Academic Year 2002-2003.
- Andrejewski Chair – Universities of Leipzig and Jena – May 2003.
- Humboldt Research Award (Germany – 2009).
- Honorary Degree (Doctor Honoris Causa) – University of Craiova (Romania) – 10 May 2010
- ERC Advanced Grant SyDuGraM (01/2011 – 12/2015)
- 2014 Bogoliubov Prize of the "Joint Institute for Nuclear Research" (Dubna, Russie), with V. Rubakov, « *for outstanding achievements in theoretical and mathematical physics, promoting international cooperation, and educating young scientists* »
- FNRS Quinquennial Prize “Dr A. De Leeuw-Damry-Bourlart” (Fundamental Exact Sciences) for the period 2011-2015.
- ERC Advanced Grant High-Spin-Grav (10/2016 - 09/2021)

Long term invitations (one month or more):

- “Visiting researcher” at the University of Princeton, at the Institute for Advanced Study (Princeton), at the University of Texas at Austin, at CERN (Geneva), at IHES (France).
- Invited Professor at the: Universities Paris VI, Paris VII, Paris XI (Orsay), Ecole Normale Supérieure (Paris), Institut des Hautes Etudes Scientifiques (Bures-sur-Yvette), University of Montpellier, Institut Henri Poincaré.

Editorial Boards :

- Member of the editorial board of Physical Review D (1995-1997).
- Member of the editorial board of the « Journal of High Energy Physics » (JHEP) January 2002 – June 2006 and July 2018 - present
- Member of the editorial board of the « Journal of Cosmology and Astroparticle Physics » (JCAP) since January 2003.
- Scientific Director of the « Journal of High Energy Physics » (JHEP) - June 2006- June 2018

Publications: [http://inspirehep.net/search?ln=fr&p=find+a+henneaux&of=hb&action\\_search=Recherche](http://inspirehep.net/search?ln=fr&p=find+a+henneaux&of=hb&action_search=Recherche)