

# Curriculum vitae

- **Name and Surname:** Luigi Pilo.
- **Date and place of birth:** July 24, 1967; Alghero (SS) Italy.
- **Citizenship:** Italian.  
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- **present position:**  
Associated professor at the Department of Physical and Chemical Sciences, *University of L'Aquila* since 2005
- research fellow of LNGS (Gran Sasso National Laboratory), INFN (National Institute for Nuclear Physics)
- National Scientific Habilitation (ASN) as full professor in theoretical physics since 28/03/2017
- PhD in theoretical physics awarded by *Scuola Normale Superiore* in Pisa, November 1997  
title of the PhD thesis: *Chern-Simons field theory and invariants of 3-manifolds*. Supervisor: Prof. E. Guadagnini  
examiners: F. Bassani, S. Caracciolo, L. Castellani, E. Guadagnini, P. Menotti, R. Stora, F.Strocchi
- Master Degree in Physics awarded by the University of Pisa, June 1993.  
title of the 1-year-thesis based on theoretical studies: *Chern-Simons theory with gauge group  $SU(3)$  and invariants of three-manifolds*  
supervisor: Prof. E. Guadagnini

## Research Experience

- **February 2016 - Present**  
Associate professor at the Department of Physical and Chemical Sciences, *University of L'Aquila*.
- **April 2005 - February 2016**  
Assistant professor at the Department of Physics, *University of L'Aquila*.
- **October 2003 - April 2005**  
2-year+2-year post-doctoral position at *National Institute for Nuclear Physics (INFN)*, Padova (Italy) section
- **October 2001 - September 2003**  
2-year post-doctoral position at *Service de Physique Théorique CEA/Saclay*, Paris (France)
- **July 1999 - October 2001**  
2-year Two-post-doctoral position at *Scuola Normale Superiore di Pisa*, Pisa (Italy)
- **January 1998 - December 1998**  
Visiting scholar at Department of Applied Mathematics and Theoretical Physics of *Cambridge* (UK). Supported by a grant from the *Angelo Della Riccia Foundation* (Florence).
- **January 1997 - October 1997**  
Visiting scholar at the Department of Physics, Davis *University of California* (USA)  
Supported by a joint grant from *Scuola Normale Superiore di Pisa* and *University of California*.
- **December 1993 - December 1996**  
PhD fellowship at *Scuola Normale Superiore* in Pisa (Italy)

## Research Interests

- gravity and cosmology, physics beyond the standard model of particle physics
- **papers on inspires:**  
<https://inspirehep.net/literature?sort=mostrecent&size=25&page=1&q=f%20a%20pilo%2C%201>.