

Christophe Ringeval

French, 42 years old

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Experience

- 2016- **Associate Professor** in the Center for Cosmology, Particle Physics and Phenomenology (CP3) at Louvain University (Belgium).
Lecturing in Quantum Mechanics, Cosmology, Mathematics for BScis and MScis.
- 2006-2016 **Lecturer (Assistant Professor)** at CP3.
- 2004-2006 **Postdoctoral Research Associate** in the Theoretical Physics Group (K. Stelle) at Imperial College London (U.K.).
Teaching Assistant in Computing (C++) for undergraduates, lecture in Cosmology.
- 2002-2004 **Postdoctoral Research Associate** in the Theoretical Physics Department (R. Durrer) at the University of Geneva (Switzerland).
Teaching Assistant in Mathematical Physics at undergraduate level.
- 1999-2002 **Teaching Assistant** in Experimental Physics at undergraduate level. University of Paris XI (France).
- 1998-1999 **Research Assistant** for the Atomic Energy Commission (CEA) during National Service – Supervisor: S. Bouquet.

Education

- 1999-2002 **PhD** from the University of Paris VI and the Astrophysical Institute of Paris (IAP) – Supervisor: P. Peter
Dissertation title: *Fermionic currents along extended objects*
Grade: *first-class Honours*.
- 1997-1998 **Graduation (DEA)** from the University of Paris VI – Supervisors: P. Binétruy and Y. Charon
Speciality: *Fields, Particles, Matters*
Grade: *first-class Honours*.
- 1995-1997 **MSci and BSci** from the University of Toulouse III
Speciality: *Fundamental Physics*
Grades: *first-class Honours*.

Recent scientific activities

04/2017	Invited seminar at LUTH, Meudon Observatory, Meudon (France).
11/2016	Organising the 2016 “Georges Lemaître” chair of the Institute of Mathematics and Physics, Louvain University, Louvain-la-Neuve (Belgium)
09/2016	Invited talk at the “Towards the European Coordination of the CMB programme” workshop, Villa Finaly Firenze (Italy).
03/2016	Invited talk at the “FRB60: From Cosmic Strings to CMB observations” conference, Institut d’Astrophysique de Paris, Paris (France).
02/2016	Invited talk at the “Cosmic String @ Brazil” workshop, Instituto de Física de São Carlos (IFSC, USP), São Carlos (Brazil).
01/2016	Invited seminar at RWTH, Aachen University, Aachen (Germany).
01/2016	Invited seminar at BCTP, Bonn University, Bonn (Germany).
11/2015	Invited talk at the “COSPA” meeting at VUB, Brussels (Belgium).
04/2015	Invited talk at the “Elisa Cosmology Working Group” meeting, CERN, Geneva (Switzerland).
04/2015	Invited talk at the “Theoretical Cosmology Meetings”, Leuven University, Leuven (Belgium).
02/2015	Invited seminar at DAMTP, Cambridge University, Cambridge (U.K.).
09/2014	Invited lectures at the “XIIth School of Cosmology”, Cargèse (Corsica).

Long term activities

Since 2015	Member of the LISA cosmology working group.
Since 2014	Member of the belgian Euclid Consortium.
Since 2006	Member of the french Planck-HFI collaboration (core team).
Since 2002	Research Associate at the Astrophysical Institute of Paris. Referee for international reviews: JCAP, PRD, PRL, PLB, MNRAS, CQG, Astro. & Space Sci., IJMPA, EPJC, GERG ...

Research interests

Cosmology & Astrophysics, Gravitational Waves, Quantum Field Theory, Numerical simulations. <http://cp3.phys.ucl.ac.be/Members/ringeval>

Recent public outreach

03/2015	Conference for the “Astro Kot” in Louvain-la-Neuve.
01/2015	Invited talk at Clerlande Monastery, Ottignie.
10/2014	Invited talk at the “Jeunesse-et-Science”, Wallonia amateur astronomy meeting, Modave.

Hobbies

Astronomy, computing (Mageia packager), photos, alpinism, ski, skating, motorcycling... <http://www.ringeval.info>