

Curriculum vitae FRANCEC CALORE [September 2017]

PERSONAL INFORMATION

Family name, First name: Calore, Francesca
Researcher unique identifier (ORCID): 0000-0001-7722-6145
Date of birth (dd/mm/yyyy): 25/05/1986
Nationality: Italian

EDUCATION

- 2013 PhD in Physics and Astrophysics (Joint PhD), 18 September 2013
Title: *Unveiling Dark Matter through Gamma Rays: Spectral Features, Spatial Signatures and Astrophysical Backgrounds*
Supervisors: Dr. Torsten Bringmann; Prof. Fiorenza Donato
Physics Department, Hamburg University, Germany
Physics Department, University of Turin, Italy
- 2010 Master degree in Physics of Fundamental Interactions, 6 October 2010
Advisor: Prof. Fiorenza Donato; Final grade: 110/110 cum laude
Physics Department, University of Turin, Italy

CURRENT POSITION

- Since 2016 CNRS junior staff researcher (CRCN, permanent)
CNRS, Laboratoire d'Annecy-le-Vieux de Physique Théorique (LAPTh),
France

PREVIOUS POSITIONS

- 2013 – 2016 Postdoctoral Fellow
GRAPPA (Gravitation and AstroParticle Physics Amsterdam)
University of Amsterdam, The Netherlands

FELLOWSHIPS AND SCHOLARSHIPS

- 2016 *Marie Skłodowska-Curie Individual Fellowship (H2020-MSCA-IF-2015)*
Declined due to CNRS offer
- 2016 *Train To Move International Fellowship Programme (FP7-PEOPLE-COFUND Action)* Declined due to CNRS offer
- 2016 *SFB 676 Fellowship 2016*
3-month visiting at DESY & Hamburg University, Germany; Host: Prof. Dieter Horns
- 2010 *ISSNAF-INAF Summer Program of Scientific Internship for Italian Students*
2-month visiting the NASA's Goddard Space Flight Centre, USA; Host: Prof. Neil Gehrels

SUCCESSFUL PROPOSALS AND GRANTS

- 2017 – 2018 PI of “Unveiling the Galactic centre mystery”, funded by IRS2017-IDEX
Université Grenoble Alpes (15 k€)
- 2016 Co-I of “Solving the Fermi GeV Excess: A Radio Continuum Imaging Survey for Pulsars Near the Galactic Center” (PI: Dr. Matthew Kerr), Fermi Cycle 9 Guest Investigator Program
- 2015 Co-PI of *FAPESP/GRAPPA SPRINT Proposal*, granted for collaboration between the ICTP-SAIIR (Sao Paulo, Brazil) and GRAPPA (Amsterdam, The Netherlands)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- Since 2016 1 PhD student (daily supervision, on-going) / 1 Master student
LAPTh, Annecy, France
- 2013 – 2016 1 PhD student (co-supervision) / 1 Master student / 3 Bachelor students
GRAPPA, University of Amsterdam, The Netherlands

TEACHING ACTIVITIES

- 06/2017 Lecturer in international school: *International School on AstroParticle Physics – ISAPP*, Texel, The Netherlands
- 07/2016
2015 Lecturer in international school: *School on Dark Matter*, Sao Paulo, Brazil
Focus lectures at MSc (Particle Cosmology, 8hr) and BSc level (Introduction to Cosmology, 2hr; Workshop Natuurkunde, 2hr), University of Amsterdam, The Netherlands
- 09/2014 Lecturer in international school: *CASPAR 2014: Codes in AstroParticle Research*, Hamburg University, Germany

ORGANISATION OF SCIENTIFIC MEETINGS

- 06/2018 LOC member: *14th International Workshop Dark Side of the Universe 2018*
International workshop, 120 participants, Annecy, France
- 01/2018 LOC member: *Accelerating the Search for Dark Matter with Machine Learning*
Workshop, 60 participants, Leiden, The Netherlands
- 09/2014 LOC member: *4th Amsterdam-Paris-Stockholm Workshop*
Workshop, 40 participants, Amsterdam, The Netherlands

INSTITUTIONAL RESPONSIBILITIES

- Since 2016 Faculty member, LAPTh, CNRS, France

COMMISSIONS OF TRUST

- Since 2015 Manuscript referee for: Journal of Cosmology and Astroparticle Physics, Monthly Notices of the Royal Astronomical Society, Physical Review D, Physics of the Dark Universe, The European Physical Journal C (Particles and Fields), Physical Review Letters

DISSEMINATION AND PUBLIC OUTREACH

- 2015 Invited presentation at the *Netwerkbijeenkomst Sterrenkunde* (Networking Meeting of Astronomy), 17 September 2015, Amsterdam, The Netherlands.
- 2012 Co-organiser of DESY Open Day (DESY-Theory), Hamburg, Germany

MAJOR COLLABORATIONS

- Since 2016 Member of TRAnsient and PULsars with MeerKAT (TRAPUM), a MeerKAT Legacy Science Project