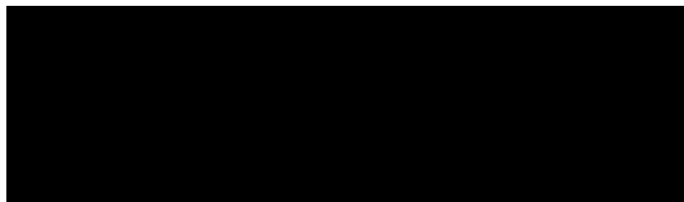


PERSONAL INFORMATION **Dario Scovacricchi**JOB APPLIED FOR **Istituto Tumori Milano**

WORK EXPERIENCE

2021 – Present **Full time teacher with permanent position**

MIUR - Ministero dell'Istruzione

Docente di ruolo, cattedra di Matematica e Fisica. Istituto di Istruzione Superiore Agnoletti, Sesto Fiorentino.

2017 – 2020 **Full time teacher**

MIUR - Ministero dell'Istruzione

Docente supplente, Matematica e Fisica

EDUCATION AND TRAINING

2013-2017 **PhD - Thesis Title: “Weak gravitational lensing with supernovae”, research in cosmology and astrophysics**

Institute for Cosmology and Gravitation (ICG), University of Portsmouth, UK

2011-2013 **Laurea Magistrale in Fisica**

Università di Trieste, 110/110 con lode

2007-2011 **Laurea Triennale in Fisica**

Università di Firenze

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
IELTS certificate - overall score C1					

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills – competent with Fortran90, Matlab/Octave
 – experience with Python

Research skills – statistical analysis
 – multivariate data analysis - maximum likelihood and Monte Carlo Markov Chain
 – numerical techniques

PUBLICATIONS

- [1] C. Inserra, R. C. Nichol, D. Scovacricchi, J. Amiaux, M. Brescia, C. Burigana, E. Cappellaro, C. S. Carvalho, S. Cavuoti, V. Conforti, J. -C. Cuillandre, A. da Silva, A. De Rosa, M. Della Valle, J. Dinis, E. Franceschi, I. Hook, P. Hudelot, K. Jahnke, T. Kitching, H. Kurki-Suonio, I. Lloro, G. Longo, E. Maiorano, M. Maris, J. D. Rhodes, R. Scaramella, S. J. Smartt, M. Sullivan, C. Tao, R. Toledo-Moreo, I. Tereno, M. Trifoglio, and L. Valenziano. “Euclid: Superluminous supernovae in the Deep Survey”. In: 609, A83 (Jan. 2018), A83. arXiv: 1710.09585 [astro-ph.CO].
- [2] E. Macaulay, T. M. Davis, D. Scovacricchi, D. Bacon, T. Collett, and R. C. Nichol. “The effects of velocities and lensing on moments of the Hubble diagram”. In: 467.1 (May 2017), pp. 259–272. arXiv: 1607.03966 [astro-ph.CO].
- [3] D. Scovacricchi, R. C. Nichol, E. Macaulay, and D. Bacon. “Measuring weak lensing correlations of Type Ia supernovae”. In: 465.3 (Mar. 2017), pp. 2862–2872. arXiv: 1611.01315 [astro-ph.CO].
- [4] D. Scovacricchi, R. C. Nichol, D. Bacon, M. Sullivan, and S. Prajs. “Cosmology with superluminous supernovae”. In: 456.2 (Feb. 2016), pp. 1700–1707. arXiv: 1511.06670 [astro-ph.CO].
- [5] Dario Scovacricchi, Silvio A. Bonometto, Marino Mezzetti, and Giuseppe La Vacca. “Constraints on Dark Energy state equation with varying pivoting redshift”. In: 26 (Jan. 2014), pp. 106–111. arXiv: 1211.7315 [astro-ph.CO].

Sesto Fiorentino, 15 Aprile 2024

