



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

University of Padova • ITALY



Dipartimento
di Fisica
e Astronomia
Galileo Galilei

IN:Theory – Post-doc position (2 years)

Interdisciplinary Applications of Nuclear Theory: from atoms and molecules to stars

PRAT – Progetti di Ricerca di Ateneo - Univ. Padova – Bando 2015

A two-year post-doc position (*Assegno di Ricerca Grant biennale*) is available in the field of **Theoretical Nuclear Physics** within the Department of Physics and Astronomy "G.Galilei" of the University of Padova, Italy, as a part of the project "**Interdisciplinary Applications of Nuclear Theory: from atoms and molecules to stars**" led by Prof. L. Fortunato.

Duration:	2 years, full-time. Expected start summer 2016 -2018
Salary Range:	26-28 kEUR per year before tax deduction, depending upon qualification. Not negotiable.
Additional assets:	· 1500 EUR/year for covering travel costs for conferences (additional funds might be available on other projects) · powerful dedicated cloud workstation for numerical computation.
Profile and Required skills:	Experienced researcher (at least 2 years from Ph.D. title) with deep knowledge in quantum mechanics, nuclear structure, nuclear forces, group theory and computer programming (Fortran and Mathematica, unix O.S.). A strong research record is necessary.
Research Group in Theoretical Nuclear Physics:	8-10 (Professors, Researchers, Post-docs, Ph.D. + INFN research personnel) within a large Dept. with about 200 scientists. The research environment is a most active one: monthly seminars are organized and collaboration with several local experimental groups is encouraged.
Principal Investigator:	Prof. Lorenzo Fortunato

More detailed information on the scientific program and on the duties of the research fellow is available upon request to the P.I. This call in the web: www.pd.infn.it/~fortunat/PRAT.html

Contacts:

Lorenzo FORTUNATO

Dip. Fisica e Astronomia "G.Galilei"

UNIVERSITA' di PADOVA & I.N.F.N. - Padova

via Marzolo,8 - I-35131 Padova - ITALIA

tel.+39-049-8277217 fax. +39-049-8762641

fortunat@pd.infn.it

www.pd.infn.it/~fortunat

www.dfa.unipd.it

www.unipd.it & www.pd.infn.it