

Curriculum Vitae

Family name GAROI
First name FLORIN
Nationality Romanian
Birth place TULCEA, Romania
Birth date January 22, 1978
Marital status married

Address (*home*) Iuliu Maniu Street, No 32, Building 23, A, Flat 2, Tulcea, Romania

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PHYSICS LASER DEPARTMENT
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Education (*PhD student*) 2007 – present, Politehnica University of Bucharest,
Theme: “Laser interferometry research in the nano- and pico-range for
nano-technologies and sciences”

(*MSc*) One year and a half of Masterate, Bucharest University,
Graduated in year 2002, Graduation thesis: “Michelson interferometer for
sub-nanometer displacement measurements”

(*BSc*) Four years of general study in Physics, Bucharest University,
Graduated in year 2000, Graduation thesis: “Solar radiotelescope”

Research work (*2003-present*) Research assistant (CSIII) at INFLPR, Magurele,
Bucharest

(*2002-2003*) Academic visitor to UWA (University of Western Australia),
Perth, Australia

(*2000-2002*) Research assistant (CS) at INFLPR, Magurele, Bucharest

(*Interests*) Optical interferometry, laser interferometry for gravitational
waves, optical metrology and non-destructive testing, digital holography

Foreign languages English

Some Scientific Publications About 20 scientific papers and 25 communications

(*Selection of scientific papers*)

(1) F. Garoi et al, *Time-averaged vibration mode viewing with DSPI*,

Proc. SPIE Vol. 6635, Pag. U209-U215 (2007)

- (2) F. Garoi et al, *SNR improvement of digital speckle pattern interferograms*, Proc. SPIE Vol. 6606, Pag. 60612-60612 (2007)
- (3) F. Garoi, J. Winterflood, L. J and D.G. Blair, *Passive vibration isolation using a Roberts linkage*, Rev. Sci. Instrum., Vol. 74(7) Pag. 3487-3491 (2003)
- (4) F. Garoi, L. Ju, C. Zhao and D.G. Blair, *Radiation pressure actuation of test masses*, Class. Quantum Grav., Vol. 21(5) Pag. S875-S880 (2004)
- (5) F. Garoi, D. Apostol, P. Schiopu, P. C. Logofatu and V. Damian, *Nano-metrology of macro-systems*, Proc. SPIE, Vol. 7297, pp. 72971G-72971G-6 (2009)

Miscellanea (2008-2009) President of the SPIE Romanian Student Chapter (Institute of Atomic Physics Chapter)

(May 2006) He attended the International School of Physics "Enrico Fermi", the course on Metrology and Fundamental Constants held in Varenna, Italy