Keuropass	Curriculum Vitae			Luigi Imperi	
PERSONAL INFORMATION	Luigi Imperi				
WORK EXPERIENCE					
November 2013 – Ongoing	 Ph.D. Student Sapienza University of Rome – DIMA, Rome, Italy Numerical simulations of the Mercury Orbiter Radioscience Experiment (MORE) of the BepiColombo mission Estimation process for retrieving the gravity field and the rotational state of Mercury by means of radio-observables Software development for the MORE relativity experiment Fundamental physics tests with the BepiColombo mission Business or sector Space Engineering 				
October 2012 – March 2013	Internship European Space Operation Centre (ESOC) of the European Space Agency (ESA) Robert-Bosch-Straße 5, 64293 Darmstadt, Germany • Software development for close proximity operations between spacecraft • Mission analysis for space debris removal Business or sector Space Engineering				
EDUCATION AND TRAINING					
October 2010 – July 2013	Master 's Degree in Space EngineeringSapienza University of Rome , Rome, Italygas-dynamics, space flight dynamics, telecommunication and remote sensing, space mission and system , space propulsion, space structures, structure dynamics, multi-body dynamics for space application, space environment and instrumentation, thermal and smart structures, hypersonic and high temperature gas-dynamics, ground stations, electronics, aerospace materialsThesis: Close Proximity Operations for Space Debris Removal Advisor: Prof. Luciano less Co-advisor: Dott. Arnaud Boutonnet Vote: 110/110 cum laude				
October 2004 – April 2010	Bachelor 's Degree in Aerospace Engineering Sapienza University of Rome , Rome, Italy Thesis: Costellazioni di Satelliti in Orbita Molnya Advisor: Prof. Guido Colasurdo Vote: 110/110 cum laude				
PERSONAL SKILLS					
Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEA	KING	WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2



Curriculum Vitae

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages

Computer skills	 Excellent knowledge of FORTRAN, Matlab , python, shell/bash, SPICE/NAIF
Driving licence	В
ADDITIONAL INFORMATION	
Publications-Proceedings- Conferences-Workshops	Oral: <i>Testing general relativity during the cruise phase of the BepiColombo mission to Mercury</i> L. Imperi and L. less Proceedings of IEEE metrology for aerospace, 2015 (in press)
	Oral: On the determination of PN parameters with BepiColombo radio science experiment L. Imperi, G. Schettino and L. less Proceedings of the Fourteenth Marcel Grossman Meeting, 2015 (in press)
	<i>Mercury Orbiter Radio science Experiment (MORE): global numerical full-cycle simulation</i> A. Milani, G. Schettino, L. Imperi, Stefano Cicalò and G. Tommei MESSENGER-BepiColombo joint science meeting, Berlin, Germany,16-18 June 2015
	Oral: <i>Mercury Orbiter Radio science Experiment (MORE): benefits from an extended mission</i> L. Imperi, M. Mariani and L. less MESSENGER-BepiColombo joint science meeting, Berlin, Germany,16-18 June 2015
	PICO <i>: BepiColombo's geodesy and relativity experiment from an extended mission</i> L. Imperi, M. Mariani and L. Iess European Geosciences Union, General Assembly; Wien, Austria,12-17 April 2015

07/08/2015