


Work Orizzonte Sistemi Navali spa Via C.Pesenti, 109, 00156 Roma System Engineer Combat System Engineering Tel. 0645413209 Fax. 0645413461 E-mail address: ingegneria.signature@orizzontesn.it	<h2 style="text-align: center;">FRANCESCO PIO PLACENTINO</h2> <p style="text-align: center;">francescoplacentino@yahoo.it</p> Place and date of birth: San Giov. Rot. (FG), June 4 th 1980 Civile state and nationality: single, italian Home: Via di S. Maria Ausiliatrice, 54 00181 Roma (RM) Italy Telephone.+393339177621		
Objective	Seeking a full-time position in an international organization committed to technical assistance for developing electronic and optoelectronic projects for communication systems.		
Education	<p>PhD in Electronic Engineering <i>February 2008</i> University of Perugia, Perugia, Italy & Georgia Institute of Technology, Atlanta, GA, USA Advisors: Prof. Luca Roselli & Prof. Manos Tentzeris Thesis: 24 GHz CW Doppler radar sensor for automotive applications development.</p> <p>Qualification to the profession of engineer (Engineer Order) <i>March 2005</i></p> <p>Laurea (equivalent to integrated MS and BS) in Electronic Engineering <i>September 2004</i> Università degli Studi di Perugia, Perugia, ITALY Vote: 110/110 cum laude - Advisor: Prof. Luca Roselli Thesis: State of the art of the radars for automotive applications: architectures and technologies.</p>		
Work Experience	<p>Orizzonte Sistemi Navali spa <i>from April 2008 to present</i> System Engineer in the Combat System Engineering section. RCS (Radar Cross Section) and EME (ElectroMagnetic Compatibility) designer for the topside of a new ship frigate FREMM (European multi-mission frigate).</p> <p>GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA Graduate Research Assistant (RFID/Sensors/Printed Electronics Laboratory) <i>2006</i> Design and realization of a low-cost radar sensor (CW) for automotive application in LCP (Liquid Crystal Polymer) technology using ADS and Microstrips CAD under the advice of Prof. Manos Tentzeris. http://www.athena-em.gatech.edu/members/placentino.html</p> <p>UNIVERSITY OF PERUGIA, Perugia, ITALY PhD Student – Electronic and Information Engineer Department <i>2005 to present</i> Scientific Area: Circuits design to millimeter and microwave frequency. In order design, simulation, testing and measurements of subsystems for doppler radar sensor for automotive applications.</p> <p>WiS, Wireless Solution srl, Foligno (PG), ITALY Internship and Degree Thesis Development <i>2004</i> Design, testing and optimization of a sensor radar doppler for traffic control in ISM band 24 GHz. Simulations at System level, Circuitual level and Electromagnetic level using AWR Microwave Office and ADS Advanced Design Systems. Optimization of the layout sizing and fabrication of the board in single layer microstrip technology through the photolithography process.</p>		
Instrumentations & Measurements:	Reflettometric, Scattering parameter (S-parameters), Impedance magnitude and phase (Smith chart), Power spectrum, Conversion Loss, Phase Noise, Noise Figure. VNA Agilent 8510XF Extreme Frequency, VNA ANRITSU MS-4623-B 6GHz, VNA ANRITSU 40 GHz, VNA HP 8752 3GHz, Spectrum Analyzer R&S FSP-30 30 GHz, Spectrum Analyzer HP 8560A 50Hz-2.9 GHz, Frequency source R&S SMR-20 20 GHz, Power meter ANRITSU ML-2407-A 18 GHz		
Certifications	UNI ISO for EC (Electromagnetic Compatibility). Testing and validation for “HF NET Government” in the police headquarters of Toscana, Marche and Umbria for the Ministry of Internal Affairs. UNI EN 12352, 13422 "Traffic control equipment and Warning and safety light devices" on behalf of Identifying SISAS Segnaletica srl		
Languages	Italian (native), English (fluent), French (sufficient).		
Personal	Author and co-author of different paper for conference and journal. Attendance in different Conference, PhD school, seminar and workshop. Since 2006 IEEE member and since 1999 member of AVIS (Blood Donor Association). Have traveled extensively throughout Europe and America.		
References	Prof. Luca Roselli University of Perugia Electronic and Information Department email: urlo@diei.unipg.it Phone:+39-075-5853633 Fax:+39-075-5853654	Prof. Manos Tentzeris Head of Athena Group in ECE Department in GeorgiaTech email: etentze@ece.gatech.edu Phone: (404) 385-0378 Fax: (404) 894-4641	System Engineer Mauro Manzini EM Design manager Orizzonte Sistemi Navali SpA Via Carlo Pesenti 109 Roma Phone: +39 06 45413 276 Fax. 0645413461 email: mauro.manzini@orizzontesn.it

I authorize the treatment of my personal data to the senses of the law 196/2003.