Alberto SOZZA

Nationality :Italian Date of Birthday :October, 15th 1975



Via Paganini, 2		
36077 Altavilla Vicentina (VI)		
]	Office:
		Via C. Colombo, 2
		<u>36051 Creazzo (VI)</u>

PROFILE Professional, highly qualified Microelectronic Engineer with excellent organisational and team working skills.

EDUCATION 2002-2006 Alcatel-Thales III-V Lab (PARIS, FRANCE) PhD in Microelectronics and Telecommunications PhD candidate under the direction of Dr. S. Delage. The thesis was supervised prof. E.Zanoni (University of Padova, Italy) and prof. N. Labat (Unversity of Bordeaux 1, France). Phd thesis title: "Reliability of GaN HEMT for Microwave and RF applications" 1994 – 2002 UNIVERSITY OF PADOVA (ITALY)

Laurea in Microelectronics Engineering Result: 100/110

Final Year Subjects: Microelectronics Microwave Electronics

Telecommunications Solid State Physics

Projects: Final Year:6 month stage at Thales TRT studying the reliability of SiC-based devices for microwave applications.

1989 - 1994 LICEO SCIENTIFICO, VICENZA, ITALY Leaving Certificate: 54/60.

EMPLOYMENT

April 2010 -

Free consultant on compound semiconductor devices Consultant at University of Padua on microwave HEMT reliability for telecommunication Consultant at lighting companies on the conceiving of new LED-based light fixtures and preparation for certification for these light fixtures.

2008-2010

ideaLED.it SRL, VICENZA, ITALY

Managing director

General managing and strategic decision maker on new products using the LED technology Development of the Italian and Europe market

2006-2007

IDEALED SRL, VICENZA, ITALY

R&D Manager

Development of new LED-based modules Training of the staff

Technical support to main customers

2003 - 2006

ALCATEL/THALES III-V LAB, PARIS, FRANCE R&D Engineer

> Test conception, modelling of the modes and degradation mechanisms of GaN-based transistor Comparative evaluation of GaN-based devices coming from Tiger (France), FBH (Germany) and Daimler-Chrysler (Germany) Collaboration in the preparation of the European project KORRIGAN

2002 - 2003

UNIVERSITY OF PADOVA (Italy)

R&D Engineer

Reliability evaluation of devices coming from Thales (France), Lille (France), Alenia Marconi (Italy), University of Santa Barbara (U.S.A.) Supervision of the Microelectronics lab of the Department of Information Engineering (Padova)

SKILLS	Computer: Working knowledge of programming languages, Visual Basic, Visual C++. Use of LABVIEW for the realization of an automatic measurement system for transistor reliability evaluation. Highly proficient at Access, Excel, Word & Powerpoint. Electronics & Opticsworking knowledge of CAD program for electronics (CAM350, SPICE) and optical design of lenses for LEDs systems (Zemax). Experience in optical characterisation and photometric data treatment. Solid-StatePhysics:good knowledge of semiconductor physics and of material characterization techniques (SIMS, AUGER, SEM, X-DIFFRACTION, TEM, RBS). Presentation:Developed ability to produce reports and presentations to a professional standard. Many presentations during scientific symposia. Organisational:Effective at time management and prioritising tasks to achieve deadlines. Interpersonal/Communication:Strong team working, leadership and communication skills. Languages: Italian (mother tongue), French (fluent), English (fluent), Spanish (fluent), Japanese (notions)

INTERESTS & ACHIEVEMENTS

Membership:vice-president and CDA member of "Luce in Veneto", network of the lighting manufacturers of the Veneto area (more than 100 members)

Travel:Widespread travels through Europe and Asia. University finalist in Business Plan contest with a project on Lighting Systems based on Solid State technology (HB-LEDs) (2003)

Water SportsCompleted PADI certificate in scuba diving. Music: Play piano and guitar.

Driving:Full, clean driving license.

Ing. Alberto Sozza