



Name:	VARGAS LOPEZ GERMAN RICARDO		
Academic Rank:	TIEMPO COMPLETO	FT	PT
Professional Registration ID:			

EDUCATION			
Degree	Field	Institution	Graduation year
DOCTOR Ph.D	DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING	FLORIDA INTERNATIONAL UNIVERSITY	2012
MAGISTER	MASTER OF SCIENCE IN ENGINEERING	ARIZONA STATE UNIVERSITY	2001
TERCER NIVEL	INGENIERO EN ELECTRICIDAD (ESPECIALIZACIÓN ELECTRÓNICA)	ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL	1997

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/01 - 03/02
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/02 - 09/02
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/02 - 03/03
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	04/03 - 03/04
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/03 - 11/05
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/04 - 12/04
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	12/05 - 12/09
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/10 - 02/12
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	02/12 - 05/12
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/12 - 12/12
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/13 -
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/13 - 10/14
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/14 -
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/14 - 11/14
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/14 - 09/15
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/15 -

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
SI.RA.CU.PER.S.A. - INGENIERÍA	ECUADOR	01/95 - 04/95
GRUEIN CIA. LTDA - INGENIERÍA	ECUADOR	01/97 - 07/97

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS
<ul style="list-style-type: none">• OPTICAL SOCIETY OF AMERICA desde• SPIE - INTERNATIONAL SOCIETY FOR OPTICS AND PHOTONICS desde

HONORS AND AWARDS
<ul style="list-style-type: none">• J WILLIAM FULBRIGHT SCHOLARSHIP PROGRAM, USA DEPARTMENT OF STATE, 2002

SERVICE ACTIVITIES (WITHIN AND OUTSIDE OF THE INSTITUTION)

PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS



Publications (5 more relevant)

- VARGAS LOPEZ, 2017, DEVELOPMENT OF A PLASTIC OPTICAL FIBER OXYGEN OPTODE WITH A FLUORESCENCE INTENSITY MEASUREMENT SYSTEM, CONFERENCE PROCEEDINGS - IEEE SOUTHEASTCON, 7347502, 07347502
- VARGAS LOPEZ, 2016, HYPERSPECTRAL IMAGING SYSTEM FOR DISEASE SCANNING ON BANANA PLANTS, PROCEEDINGS OF SPIE, 9781510601055
- VARGAS LOPEZ, 2016, A DUAL MACH-ZEHNDER INTERFEROMETER WAVELENGTH MEASUREMENT DEVICE USING SILICON OVER INSULATOR TECHNOLOGY, INFORMATION TECHNOLOGY, ELECTRONICS AND MOBILE COMMUNICATION CONFERENCE (IEMCON), 2016 IEEE 7TH ANNUAL, 978-1-5090-09
- VARGAS LOPEZ, 2015, FIBER BRAGG GRATING INTERROGATION USING A MICRO-RING RESONATOR TUNABLE FILTER WITH PEAK WAVELENGTH DETECTION ENHANCEMENT, PROCEEDINGS OF SPIE VOL. 9480, 1996756X
- VARGAS LOPEZ, 2012, RECONFIGURABLE SILICON THERMO-OPTICAL RING RESONATOR SWITCH BASED ON VERNIER EFFECT CONTROL., OPTICS EXPRESS, 1094-4087

Conference Papers (5 more relevant)

- VARGAS LOPEZ, 2016, HYPERSPECTRAL IMAGING SYSTEM FOR DISEASE SCANNING ON BANANA PLANTS, , SENSING FOR AGRICULTURE AND FOOD QUALITY AND SAFETY VIII - BALTIMORE, MARYLAND, UNITED STATES
- VARGAS LOPEZ, 2016, A DUAL MACH-ZEHNDER INTERFEROMETER WAVELENGTH MEASUREMENT DEVICE USING SILICON OVER INSULATOR TECHNOLOGY, , 7TH IEEE ANNUAL INFORMATION TECHNOLOGY, ELECTRONICS AND MOBILE COMMUNICATION CONFERENCE, IEEE IEMCON 2016 - VANCOUVER, BC, CANADA
- VARGAS LOPEZ, 2015, FIBER BRAGG GRATING INTERROGATION USING A MICRO-RING RESONATOR TUNABLE FILTER WITH PEAK WAVELENGTH DETECTION ENHANCEMENT, , FIBER OPTIC SENSORS AND APPLICATIONS XII - BALTIMORE; UNITED STATES

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES