



Name:	ALVAREZ VILLANUEVA MARIA ANTONIETA		
Academic Rank:	TIEMPO COMPLETO	FT	X
Professional Registration ID:			

EDUCATION			
Degree	Field	Institution	Graduation year
MAGISTER	MAGISTER EN INGENIERÍA DE CONTROL INDUSTRIAL	UNIVERSIDAD DE IBAGUE	2007
TERCER NIVEL	INGENIERA EN ELECTRÓNICA Y TELECOMUNICACIONES	ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL	2005

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	07/07 - 10/07
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/07 - 03/08
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/07 - 03/08
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	03/08 - 05/08
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/08 - 09/08
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/08 - 09/08
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/08 - 03/09
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/09 - 09/09
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/10 - 06/11
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	06/11 - 05/13
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/13 - 10/14
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/14 - 09/17
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	11/14 - 11/14
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	10/17 -
POLITECNICO DI MILANO	ITALIA	11/14 - 03/15

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
COMPAÑIA DE AUTOMATIZACIÓN Y CONTROL GENESSYS S.A. - PROYECTO DE INGENIERIA	ECUADOR	03/09 - 05/09
COMPAÑIA DE AUTOMATIZACIÓN Y CONTROL GENESYS S.A. - PROYECTO DE INGENENIERÍA	ECUADOR	12/11 - 04/12

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

HONORS AND AWARDS

SERVICE ACTIVITIES (WITHIN AND OUTSIDE OF THE INSTITUTION)
• EXPERTO EN LA ELABORACIÓN IN-SOTU, AREA DE LABORATORIOS, ORGANISMO DE ACREDITACIÓN ECUATORIANO-OAE, 2011 - 2011

PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS



Publications (5 more relevant)

- ALVAREZ VILLANUEVA, 2017, DISTRIBUTED SYNCHRONIZATION FOR MASSIVE IOT DEPLOYMENTS, PROCEEDINGS OF THE IEEE WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE (WCNC),
- ALVAREZ VILLANUEVA, 2017, COLLISION VS NON-COLLISION DISTRIBUTED TIME SYNCHRONIZATION FOR DENSE IOT DEPLOYMENTS, PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC),
- ALVAREZ VILLANUEVA, 2016, DEVICE-TO-DEVICE RESOURCE SCHEDULING BY DISTRIBUTED INTERFERENCE COORDINATION, PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC), 978-1-5090-04
- ALVAREZ VILLANUEVA, 2016, DEVICE-TO-DEVICE RESOURCE SCHEDULING BY DISTRIBUTED INTERFERENCE COORDINATION, PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC), 978-1-5090-04
- ALVAREZ VILLANUEVA, 2015, DISTRIBUTED TIME AND FREQUENCY SYNCHRONIZATION: USRP HARDWARE IMPLEMENTATION, CONFERENCE PROCEEDINGS ON IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC),

Conference Papers (5 more relevant)

- ALVAREZ VILLANUEVA, 2016, DEVICE-TO-DEVICE RESOURCE SCHEDULING BY DISTRIBUTED INTERFERENCE COORDINATION, , 2016 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION - KUALA LUMPUR; MALAYSIA;
- ALVAREZ VILLANUEVA, 2015, DISTRIBUTED TIME AND FREQUENCY SYNCHRONIZATION: USRP HARDWARE IMPLEMENTATION, , IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION WORKSHOP, ICCW 2015 - LONDON; UNITED KINGDOM
- ALVAREZ VILLANUEVA, 2015, HALF-DUPLEX SCHEDULING IN DISTRIBUTED SYNCHRONIZATION, , IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, ICC 2015 - LONDON; UNITED KINGDOM
- ALVAREZ VILLANUEVA, 2015, TIME AND FREQUENCY SELF-SYNCHRONIZATION IN DENSE COOPERATIVE NETWORK, , 48TH ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS AND COMPUTERS, ACSSC 2015; ASILOMAR HOTEL AND CONFERENCE - GROUNDS PACIFIC GROVE; UNITED STATES

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

- 2013, TALLER DE PROGRAMACIÓN USRP, ECUADOR