2017 1st Latin American **Conference on Intelligent Transportation Systems (ITS LATAM 2017)**

Bogota, Colombia 29 March 2017



IEEE Catalog Number:

CFP17L78-POD 978-1-5386-3126-3

ISBN:

Copyright \odot 2017 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP17L78-POD

 ISBN (Print-On-Demand):
 978-1-5386-3126-3

 ISBN (Online):
 978-1-5386-3125-6

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400

Fax: (845) 758-2633

E-mail: curran@proceedings.com Web: www.proceedings.com



TABLE OF CONTENTS

TECHNOLOGICAL SURVEILLANCE AND PROPOSAL OF AN ARCHITECTURE ORIENTED	
TO SERVICES, APPLIED TO THE IMPROVEMENT OF THE AMBULANCE SERVICE	
EMERGENCY: COLOMBIAN CASE STUDY	1
E. Gonzalez, E. Zambrano	
CASCADE CLASSIFIERS BASED ROBUST PEDESTRIAN DETECTION	7
W. Aguilar, M. Luna, J. Moya, V. Abad, H. Ruiz, H. Parra, C. Angulo	
VIDEO STABILIZATION SYSTEM WITHOUT PHANTOM MOVEMENTS FOR CAMERAS	
ONBOARD ROTOCRAFTS	13
W. Aguilar, T. Abaroa, R. Fuertes, A. Ibarra, D. Loza	
Author Index	