IET Conference on Autonomous Passenger Vehicles

IET Seminar Digests 2015/15688

London, United Kingdom 14 May 2015

ISBN: 978-1-5108-1186-7

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by the Institution of Engineering and Technology All rights reserved.

Printed by Curran Associates, Inc. (2016)

For permission requests, please contact the Institution of Engineering and Technology at the address below.

Institution of Engineering and Technology P. O. Box 96 Stevenage, Hertfordshire U.K. SG1 2SD

Phone: 01-441-438-767-328-328 Fax: 01-441-438-767-328-375

www.theiet.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2634

Email: curran@proceedings.com Web: www.proceedings.com

TABLE OF CONTENTS

SMART CITIES AND THE ROLE OF MOBILE	1
M. Short	
GATEWAY - GREENWICH AUTOMATED TRANSPORT ENVIRONMENT	7
N. Reed	
CONNECTED AND AUTOMATED VEHICLES: CONCEPTS OF V2X COMMUNICATIONS AND	
COOPERATIVE DRIVING	17
T. Edwards	
AUTONOMY - A KEY CONTRIBUTOR TO ROAD SAFETY	24
M. Avery	
AUTOMATED PLATOONING	41
A. Stevens	
TRAFFIC MANAGEMENT IN A CONNECTED OR AUTONOMOUS VEHICLE ENVIRONMENT	50
R. King	
HOW WILL AUTONOMOUS VEHICLE TECHNOLOGIES AFFECT DRIVER LIABILITY AND	
OVERALL INSURANCE?	60
A. Strong, S. Baker	
AUTONOMOUS VEHICLES: SOME THOUGHTS ON CONSUMER ENGAGEMENT	64
P. Blythe	
Author Index	