

2016 IEEE VR Workshop on Perceptual and Cognitive Issues in AR (PERCAR 2016)

**Greenville, South Carolina, USA
19 March 2016**



**IEEE Catalog Number: CFP16C08-POD
ISBN: 978-1-5090-0839-1**

**Copyright © 2016 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 publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.***

| | |
|-------------------------|-------------------|
| IEEE Catalog Number: | CFP16C08-POD |
| ISBN (Print-On-Demand): | 978-1-5090-0839-1 |
| ISBN (Online): | 978-1-5090-0838-4 |

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

CURRAN ASSOCIATES INC.
proceedings
.com

TABLE OF CONTENTS

| | |
|--|----|
| Illusion of Depth in Spatial Augmented Reality | 1 |
| <i>S. Schmidt, G. Bruder, F. Steinicke</i> | |
| Appearance Control in Dynamic Light Environments with a Projector-Camera System | 7 |
| <i>R. Akiyama, G. Yamamoto, T. Amano, T. Taketomi, C. Sandor, H. Kato</i> | |
| Effects of Real-world Backgrounds on User Interface Color Naming and Matching in Automotive AR HUDs | 13 |
| <i>C. Merenda, M. Smith, J. Gabbard, G. Burnett, D. Large</i> | |
| Author Index | |