

SENSORCOMM 2022

The Sixteenth International Conference on Sensor Technologies and Applications

October 16 - 20, 2022

Lisbon, Portugal

SENSORCOMM 2022 Editors

Anders Fongen, Norwegian Defence University College, Norway

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© (2022) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2023)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.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: 845-758-2633

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

Table of Contents

| Design of Knitted Pressure Sensors for Tactile Perception Applications Beyza Bozali, Sepideh Ghodrat, Joris van Dam, and Kaspar Jansen | 1 |
|---|----|
| Centralized Routing for Lifetime Optimization Using Genetic Algorithm and Reinforcement Learning for WSNs Elvis Obi, Zoubir Mammeri, and Okechukwu Emmanuel Ochia | 5 |
| Integration of Digital Mobile Radio in a Sensor Network Anders Fongen | 13 |