

SIGNAL 2021

The Sixth International Conference on Advances in Signal, Image and Video Processing

May 30th – June 3rd, 2021

SIGNAL 2021 Editors

Pavel Loskot, ZJU-UIUC Institute, China

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[©] (2021) 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

Classifying Vessels in Inland Waters Using Live Video Streams Tomasz Hyla and Natalia Wawrzyniak	1
Technology for Overcoming the Global Tetralemma Nobutaka Ito	5
Identification of Multilinear Forms Using Combinations of Adaptive Algorithms Ionut-Dorinel Ficiu, Laura-Maria Dogariu, Cristian-Lucian Stanciu, and Constantin Paleologu	11