



SIGNAL 2022

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

May 22nd –26th, 2022

Venice, Italy

SIGNAL 2022 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© (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

Cleaning Outdoor Activity Logs using Deep Learning <i>Davide Sbetti and Sergio Tessaris</i>	1
STP-Net: Semi-Tensor Product Neural Network for Image Compressive Sensing <i>Youhao Yu and Richard M Dansereau</i>	7
Alcohol Detection over Long Periods Using Smartphone Accelerometer Data <i>Manuel Gil-Martin, Ruben San-Segundo, and Cristina Luna-Jimenez</i>	13
Discovering Causality in Event Time-Series <i>Pavel Loskot</i>	18