SENSORS + IMAGING 2023
REMOTE SENSING
SECURITY+DEFENCE

RAI Amsterdam.
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Remote Sensing 2023

REMOTE SENSING FOR AGRICULTURE, ECOSYSTEMS, AND HYDROLOGY
12727-39
Lilin Zhang, Univ. Twente (Netherlands)
Association of catchment characteristics to Budyko hydrologic model's uncertainty in humid catchments

SENSORS, SYSTEMS, AND NEXT-GENERATION SATELLITES
12729
Conference has not selected a winner.

REMOTE SENSING OF CLOUDS AND THE ATMOSPHERE
12730-13
Pamela Pasquariello, Univ. degli Studi della Basilicata (Italy)
Innovative remote-sensed thermodynamical indices to identify vegetation stress and surface dryness: application to southern Italy over the last decade

AND

12730-16
Ollie Lewis, Univ. of Exeter (United Kingdom)
A new method of retrieving atmospheric refractivity

ENVIRONMENTAL EFFECTS ON LIGHT PROPAGATION AND ADAPTIVE SYSTEMS
12731-24
Maximilian Pierzyna, Technische Univ. Delft (Netherlands)
A multi-physics ensemble modeling framework for reliable (see manuscript PDF for symbol) estimation

IMAGE AND SIGNAL PROCESSING FOR REMOTE SENSING

12733-16

Giulio Weikmann, Univ. degli Studi di Trento (Italy)

A class-driven hierarchical ResNet for classification of multispectral remote sensing images

EARTH RESOURCES AND ENVIRONMENTAL REMOTE SENSING/GIS APPLICATIONS

12734-37

Douglas Santos, Univ. do Porto (Portugal)

Mapping NYF pegmatite outcrops through high-resolution Worldview-3 imagery

REMOTE SENSING TECHNOLOGIES AND APPLICATIONS IN URBAN ENVIRONMENTS

12735-35

Noopur Srivastava, Indian Institute of Technology Roorkee (India)

Dual attention-based deep learning approach for building segmentation of remote sensing images

Security + Defence 2023

TARGET AND BACKGROUND SIGNATURES

12736-4

Bret Wagner, Air Force Institute of Technology (United States)

Modeling EO/IR systems with ASSET: spectral super-resolution for synthetic WFOV background signature generation

ELECTRO-OPTICAL AND INFRARED SYSTEMS: TECHNOLOGY AND APPLICATIONS

12737-21

Armand Duvenage, Univ. of Pretoria (South Africa)

Simulation of a tomographic single-pixel imager using rosette scanning

TECHNOLOGIES FOR OPTICAL COUNTERMEASURES

12738-12

Katharina Goth, Fraunhofer-Institut für Optronik, Systemtechnik und Bildauswertung IOSB (Germany), Karlsruher Institut für Technologie (Germany)

Power scaling of segmented and homogeneously doped Ho^{3+}: YAG laser resonators

EMERGING IMAGING AND SENSING TECHNOLOGIES FOR SECURITY AND DEFENCE

12740-8

Margarida Almeida, Univ. de Aveiro (Portugal), Instituto de Telecomunicações (Portugal)

Modulation variance optimization in discrete modulated CV-QKD systems