2024 9th International Conference on Smart and Sustainable Technologies (SpliTech 2024)

Bol and Split, Croatia
25-28 June 2024

Pages 1-565

IEEE Catalog Number: CFP24F09-POD
ISBN: 979-8-3503-9079-7

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number: CFP24F09-POD
ISBN (Print-On-Demand): 979-8-3503-9079-7
ISBN (Online): 978-953-290-135-1

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

CONTENTS

CONFERENCE TECHNICAL PROGRAM

BD: MITIGATION AND ADAPTATION STRATEGIES FOR DECARBONIZATION OF BUILT ENVIRONMENT

BD1 – MITIGATION STRATEGIES FOR BUILDINGS AND BUILT ENVIRONMENT, THERMAL COMFORT AND INDOOR AIR QUALITY

BD2 – BUILDINGS ENERGY SYSTEMS AND TECHNOLOGIES

BD3 – RENEWABLE ENERGY TECHNOLOGIES IN BUILDINGS

CS: CITIZEN SCIENCE

CS1 – CITIZEN SCIENCE I

CS2 – CITIZEN SCIENCE II

CyHeMe: CYBERSECURITY IN HEALTHCARE AND MEDICINE

CyHeMe – SECURITY AND PRIVACY

e-H: e-HEALTH

E-H: HEALTH - IMAGE PROCESSING

E: ENERGY

E1 – ENERGY AND BUILDINGS

E2 – ENERGY SYSTEMS AND TECHNOLOGIES

E3 – SMART POWER GRIDS AND INFRASTRUCTURE

E4 – ENERGY TECHNOLOGIES AND APPLICATIONS

EM: ENGINEERING MODELLING

EM1 – MODELING, SIMULATIONS AND PERFORMANCE ANALYSIS

EM2 – MODELLING IN POWER ENGINEERING

EM3 – ENGINEERING MODELLING - I

EM4 – ENGINEERING MODELLING - II

EM5 – ENGINEERING MODELLING - III

IOT3 – SPECIAL SESSION ON IOT - PART 2

IOT4 – SPECIAL SESSION ON BLOCKCHAIN APPLICATIONS AND CYBERSECURITY SOLUTIONS FOR IOT SYSTEMS - PART 1

IOT5 – SPECIAL SESSION ON BLOCKCHAIN APPLICATIONS AND CYBERSECURITY SOLUTIONS FOR IOT SYSTEMS - PART 2

RFID: RFID AND ELECTROMAGNETICS FOR IOT

RFID1 – SPECIAL SESSION: "SMART ELECTRONIC AND ELECTROMAGNETIC DEVICES AND SYSTEMS FOR ENVIRONMENT, WELLNESS, INDUSTRY, AND SAFETY"

RFID2 – SPECIAL SESSION: "EXPLOITING MATERIALS AND FABRICATION STRATEGIES FOR ANTENNAS AND RF DEVICES"

RFID3 – SPECIAL SESSION: "INNOVATIVE WIRELESS DEVICES AND ANTENNAS FOR RFID/IOT MODERN APPLICATIONS"

RFID4 – SPECIAL SESSION: "MODELING AND DESIGN OF ELECTRIC CIRCUITS, ELECTRONIC COMPONENTS, AND RF SYSTEMS"

RFID5 – SPECIAL SESSION: "NEXT-GENERATION IOT-BASED EMERGENCY MANAGEMENT IN ENVIRONMENTAL, STRUCTURAL, ENERGY, AND BIOMEDICAL APPLICATIONS"

RFID6 – SMART DEVICES FOR WATER AND ENVIRONMENTAL MONITORING

SC: SMART CITY

SC1 – SMART CITY - DIGITALIZATION

SC2 – SMART CITY - ENERGY AND AI APPLICATIONS

SC3 – SMART CITY - AI AND IMAGE PROCESSING

SDEN: SMART DISTRIBUTED ELECTRICAL NETWORK

SDEN1 – SMART DISTRIBUTED ELECTRICAL NETWORK I

SDEN2 – SMART DISTRIBUTED ELECTRICAL NETWORK II

SML: STATISTICS AND MACHINE LEARNING IN ELECTRONICS

SML1 – AI APPLICATIONS

SML2 – ML IN ELECTRONICS

RFID AND IOT RESEARCH PROJECTS: WHAT THEY TEACH US AND WHERE THEY TAKE US

SRI: SMART READINESS INDICATOR

SRI1: ADVANCEMENTS IN ASSESSING THE SMARTNESS OF BUILDINGS IN EUROPE: THE SRI SCHEME AND BEYOND

TTO: TOOLS TO OPTIMIZE ENERGY USE, COMFORT, AND INDOOR AIR QUALITY IN BUILDINGS IN PRACTICE

TTO1 – SMART TECHNOLOGIES IN BUILDINGS

TTO2 – ENERGY EFFICIENCY IN BUILDINGS

TTO3 – SMART TECHNOLOGIES AND APPLICATIONS

TTO4 – ENERGY ENGINEERING