

# THE FIRST INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING IN DATA SCIENCES

COOPERATED & SPONSORED BY



CITATION INDEX



# ICDS 2017

DECEMBER 18-19, 2017  
MEKNES-MOROCCO

## CALL FOR PAPERS

WE ARE PLEASED TO INVITE YOU TO SUBMIT YOUR UNPUBLISHED PAPERS TO ICDS2017. ANY THEORETICAL, CONCEPTUAL OR A SURVEY OF THE STATE OF THE ART CONTRIBUTION IS WELCOME. ALL SUBMISSIONS WILL BE REVIEWED ON THE BASIS OF RELEVANCE, ORIGINALITY, IMPORTANCE AND CLARITY. ALL ACCEPTED AND PRESENTED PAPERS WILL BE PUBLISHED IN THE ICDS2017 CONFERENCE PROCEEDINGS AND WILL BE PUBLISHED BY ELSEVIER IN THE PROCEEDIA COMPUTER SCIENCE (ISSN: 1877-0509) AND WILL BE INDEXED IN SCIENCE DIRECT AND SCOPUS.

## LIST OF TOPICS

### INTELLIGENT COMPUTING

NEURAL NETWORKS THEORY  
NEURAL NETWORKS MODELS  
COMPUTATIONAL NEUROSCIENCE  
CONNECTIONIST THEORY AND COGNITIVE SCIENCE  
SUPERVISED, UNSUPERVISED, AND REINFORCEMENT LEARNING  
BIG DATA VISUALIZATION, MODELING AND ANALYTICS  
BRAIN IMAGING AND NEURAL INFORMATION PROCESSING  
SUPPORT VECTOR MACHINES AND KERNEL METHODS  
MACHINE LEARNING  
DEEP LEARNING  
EVOLUTIONARY ALGORITHMS  
FEATURE SELECTION  
FUZZY SYSTEMS  
EXPERT SYSTEMS  
SELF ORGANIZING MAP

### AREAS AND APPLICATIONS INCLUDE BUT NOT LIMITED TO:

MACHINE LEARNING ALGORITHMS FOR HIGH-VELOCITY STREAMING DATA  
DATA PRE-PROCESSING, SAMPLING AND REDUCTION  
HIGH DIMENSIONAL DATA, FEATURE SELECTION AND TRANSFORMATION  
HIGH PERFORMANCE COMPUTING FOR DATA ANALYTICS  
BIG DATA VISUALIZATION, MODELING AND ANALYTICS  
INTELLIGENT TRANSPORTATION SYSTEMS AND BIG DATA  
DATA ANALYTICS, MACHINE LEARNING AND KNOWLEDGE DISCOVERY  
COMPUTATIONAL INTELLIGENCE AND BIG DATA ANALYTICS  
COMPUTATIONAL THEORIES FOR BIG DATA ANALYSIS  
SPARSE DATA  
DATA MINING  
BIG DATA ANALYTICS FOR SECURITY  
NATURAL LANGUAGE PROCESSING  
SMART GRID  
NEUROBOTICS AND INTELLIGENT ROBOTICS  
INTRUSION DETECTION AND FAULT DIAGNOSIS  
IMAGE/VIDEO PROCESSING  
SPEECH PROCESSING

## IMPORTANT DATES

### RESEARCH PAPER SUBMISSIONS

NOVEMBER 10, 2017 (FIRM DATE)

### NOTIFICATION OF ACCEPTANCE

NOVEMBER 25, 2017

### CAMERA-READY

NOVEMBER 30, 2017

### CONFERENCE DATE

DECEMBER 18-19, 2017

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## PUBLISHING AND INDEXING

Publisher of the proceedings

Indexed by:



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