

2017 Sudan Conference on Computer Science and Information Technology (SCCSIT 2017)

**Elnihood, Sudan
17-19 November 2017**



**IEEE Catalog Number: CFP17M68-POD
ISBN: 978-1-5386-0668-1**

**Copyright © 2017 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** 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:	CFP17M68-POD
ISBN (Print-On-Demand):	978-1-5386-0668-1
ISBN (Online):	978-1-5386-0667-4

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

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Contents

Conference Committees	iii
Liver Segmentation: A Survey of the State-of-the-art <i>Fatima Abdelbagi Mohammed & Serestina Viriri</i>	1
Gender Identification from Facial Images: Survey of the State-of-the-art <i>Salma M. Osman Mohammed & Serestina Viriri</i>	6
Age Estimation using Facial Images: A Survey of the State-of-the-art <i>Marwa Ahmed & Serestina Viriri</i>	11
A Survey on Techniques of Detecting Identity Documents Forgery <i>Alsadig Bashir Hassan & Yahia A. Fadlalla</i>	19
Factors that Influence Software Project Cost and Schedule Estimation <i>Safa Mohammed Ahmed Suliman & Gada Kadoda</i>	24
Deep Learning Framework based on Word2Vec and CNN for Users Interests Classification <i>Abubakr H. Ombabi, Onsa Lazzez, Wael Ouarda & Adel M. Alimi</i>	36
A Fuzzy Ontology driven Context Classification System using Large-Scale Image Recognition based on Deep CNN <i>Saba S. Edris, Mohamed Zarka, Wael Ouarda & Adel M. Alimi</i>	43
Human Identity Recognition based on Facial Images via Supervised Autoencoder Features Representation <i>Saddam M. Eragi, Wael Ouarda & Adel M. Alimi</i>	52
Travel User Interest Discovery from Visual Shared Data in Social Networks <i>Fatima Mohamed Yassin, Onsa Lazzez, Wael Ouarda & Adel M. Alimi</i>	58
Distributed Medical Image Retrieval Techniques: A Review <i>Abdel Fattah Awad Elkariem, Mohammed Bakri Bashir, Tawheed Hassan Ahmed & Adil Yousif</i>	65
Particle Swarm Optimization for Deep learning of Convolution Neural Network <i>Mujahid H. Khalifa, Marwa Ammar, Wael Ouarda & Adel M. Alimi</i>	73
Human Identity Recognition using Sparse Auto Encoder for Texture Information Representation in Palmprint Images Based on Voting Technique <i>Elaraby A. Elgallad, Nesrine Charfi, Wael Ouarda & Adel M. Alimi</i>	78
Human Gait Identity Recognition System based on Gait Pal and Pal Entropy (GPPE) and Distances Features Fusion <i>Marwa E. Ehaimir, Islem Jarraya, Wael Ouarda & Adel M. Alimi</i>	86
The Impact of Knowledge Management Practices on Business Strategies and Organizational Performance <i>Suhaila Eltayeb & Gada Kadoda</i>	91
Securing Password in Static Password-based Authentication: A Review <i>Intisar A. Mohamedali & Yahia Fadlalla</i>	98
A Review of Data Mining Techniques for Diagnosing Hepatitis <i>Sara Omer Hussien, Sara Sir Elkhatem, Nisreen Osman & Ashraf Osman Ibrahim</i>	103