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5th Global Summit and Expo on

Multimedia, Blockchain & Artificial Intelligence Technology

June 17-18, 2019
Berlin, Germany



SCIENTIFIC PROGRAM

DAY 1
Monday, 17th June

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Computer Vision and Pattern Recognition	**Talks On:** Multimedia Applications,Multimedia Systems & Services
Image sensor	Multimedia Communication Services
Image recognition	Intelligent e-Learning Multimedia
Neural Networks	Mobile Technologies and Intelligent Services
Action Recognition Source/Channel coding	Multimedia security systems

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: ,Computer Graphics & Animation Virtual Reality & Augmented Reality	**Talks On:** Artificial Intelligence & Machine Learning
Image-based rendering for	Swarm Intelligence
virtual/augmented environments	Fuzzy Logic
design and evaluation	Natural language processing
Computer Animation & 2D animation	Intelligent robotics
Graphical Data Compression	Genetic Algorithms
Neural Networks	

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Multimedia Blockchain & AI	Workshop

DAY 2
Tuesday, 18th June

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Block chain Technology	**Talks On: Artificial Intelligence in Block Chain Technology**
Block chain for Financial Services	Cryptocurrency
Block chain for Agriculture Forum	Block Chain Technology for 3D printing
Block Chain Technology Applications	Block chain and Internet of Things
Block Chain Technology in Healthcare	Bitcoin security
Advanced nutrition and dietetics in diabetes	

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Artificial Intelligence & Multimedia Technologies Industry	**Talks On: Artificial Intelligence in Healthcare**
Multimedia processors for personal computer's	Multimedia indexing and search for healthcare
Motion design & Software development	isual analytics of skin diseases and interactive computation
Multimedia & AI technologies for games, movies, music and product / licensing	Multimedia sensing data in healthcare
	Mobile and augmented reality technology in healthcare

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	**Workshop**

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5th Global Summit and Expo on Multimedia, Block chain & AI Technology

JUNE 17-18, 2019 | BERLIN, GERMANY

AGENDA

Title: Fractional High Frequency Cosine & Sine Higher Order Neural Network for Business Applications

Ming Zhang,
Christopher Newport University,
USA.

Ming Zhang received the Ph.D. degree in the research area of computer vision from East China Normal University, Shanghai, China, in 1989. He held Postdoctoral Fellowships with the Chinese Academy of the Sciences in 1989 and the USA National Research Council in 1991. He was a face recognition airport security system project manager and Ph.D.co-supervisor at the University of Wollongong, Australia in 1992. Since 1994, he was a lecturer at the Monash University, Australia. From 1995 to 1999, he was a senior lecturer and Ph.D. supervisor at the University of Western Sydney, Australia. He also held Senior Research Associate Fellowship in artificial neural networks with the USA National Research Council in 1999.He is currently a full Professor and graduate student supervisor in computer science at the Christopher Newport University, VA, USA.

Title: Rigging Techniques in 3D Character Animation

David xu
Regent University,
USA.

Professor David Xu is tenure professor at Regent University, specializing in computer 3D animation and movie special effects. He got MFA Computer Graphics in 3D Animation from Pratt Institute in NY. He has served as a senior 3D animator in Sega, Japan; a senior CG special effector in Pacific Digital Image Inc., Hollywood; and as a professor of animation in several colleges and universities where he developed the 3D animation program and curriculum. He has been a committee member of the computer graphics organization Siggraph Electronic Theater, where he was recognized with an award for his work

Title: One-Hour Prediction of the Global Solar Irradiance from All-Sky Images using Artificial Neural

Cristian Crisosto G
Leibniz University of Hannover, Germany.

Cristian Crisosto has his expertise in evaluation and passion to solve problems applying artificial neural networks. His forecast model based on artificial neural network creates new pathways for improving solar irradiance forecasting. He has built this model after years of experience research in mathematics, computer science and in artificial intelligence. This kind of software could be applied in both in business and scientific institutions. The focus further researches is based on the extension of this methodology, which will provide a utilization of that elsewhere.

Title: Migration of the switched telephone network to Multi Service Access Node (MSAN)

Torjmene Sana
Monastir, Tunisia.

Torjmene Sana have telecommunications experience during my training in Telecommunications and my internships at Tunisie Telecom, which allowed me to discover the field of telecommunication more and more, these actors and its constraints and have a global overview of its operation. During my internship, I realized a mobile application to study the profitability of a new project by the new method VAN (Net Present Value). This project has made the objective of an interesting and inspiring experience that has allowed me to improve my knowledge in programming concerning android development. This is a good opportunity to link my academic knowledge with the professional world.

Title: Prediction of Mobile Radio Wave Propagation in Complex Topography

Qaysar S.Mahdil,
Ishik University, Iraq

Qaysar Mahdi has his expertise in evaluation and passion in improving the radio wave propagation system. His open and contextual evaluation model based on responsive constructivists creates new pathways for improving the performance of mobile communication systems. He has built this model after years of experience in research, evaluation, teaching and administration both in academic research , actual experience and education institutions. The foundation is based on the study of topographic effects and different atmosphere models on the performance of the mobile communication system. This approach is very interesting and very importance to the multimedia systems such as wireless, GSM , Radar systems providers and companies which will offer cost and time

Title: Neighborhood Optimization Platform for Mobile Networks

Elaguech Khaoula
Monastir ,Tunisia.

Elaguech Khaoula have telecommunications experience during my training in Telecommunications and my internships at Tunisie Telecom, which allowed me to discover the field of telecommunication more and more, these actors and its constraints and have a global overview of its operation. During my internship, I realized an application to study the neighborhood relationship optimization of mobile networks to improve the quality of services. This project has made the objective of an interesting and inspiring experience that has allowed me to improve my knowledge in programming concerning Java development. This is a good opportunity to link my academic knowledge with the professional world.

Title: The effect of propagation delay on the dynamic evolution of the Bitcoin's blockchain

Dr Moustapha BA
Université Paris Nanterre
France.

This research is funded by MODAL'X, the laboratory of Mathematics and Informatic of Université Paris Nanterre FRANCE.Moustapha BA (M.B.A, Ph.D.) in applied mathematics of Aix-Marseille université in 2014. His topics focus on stochastic calculus, stochastic analysis, stochasticnetwork model, computer sciences and new technologies. He is qualified lecturer in applied mathematics and pure mathematics by the UniversityNational Council of France in 2017 and affiliated with the random modeling laboratory (MODAL'X) of Université Paris Nanterre.

Title: Skewed Small Business Loan Performance Data Modeling: Application of Weighted SMOTE

Mohammad Zoynul Abedin
Dalian Maritime University,
Dalian, China

Mohammad Zoynul Abedin has completed his MBA in Finance, University of Chittagong, Bangladesh,Ph.D. in Investment Theory,Dalian University of Technology, Dalian 116024, Chinaspecialised in Financial Risk Management, Bankruptcy Predictions, Big Data in Finance, Financial Applications of Machine Learning and Artificial Intelligence, Data Mining, Class Imbalance Problems.

Title: Realistic Expressive Visual Speech Virtual Human Character

Itimad Raheem Ali,
University of Information Technology and Communication, Baghdad, Iraq

Itimad Raheem Ali was born in Baghdad, Iraq, in 1977. She received the B.Sc. degree in computer science from Al-nahrain University, Baghdad, Iraq, in 2000, and the M.Sc. degree in computer science also from from Al-nahrain University, Baghdad, Iraq in 2006. She received the Ph.D. degree in computer science from Universiti Teknologi Malaysia, Johor Bahru, Johor. She is currently a lecturer in Department of Management Information Systems, Collage of Business Informatics, University of Information Technology and Communication, Baghdad, Iraq. She is research interests include Computer graphics, Facial Animation, Facial Skin color, Emotional Expression of Virtual Human, Image processing and Data Hiding. She has attended international conferences and has published researches in international journals like Elsevier, web of Science, Hindawi and SPRINGER

Title: Long range dependence in the Bitcoin market: A study based on high-frequency data

Faisal Nazir Zargar,
IIM Kashipur, India

Faisal Nazir Zargar has his expertise in financial market volatility and financial risk management. His recent work focuses on understanding the economics and finance of cryptocurrencies such as Bitcoin.

Title: A New Generation of Remote Sensing Software Based on Aerospace Polar-Coordinate Photogramm

Fabio Lopez-Pires,
Itaipu Technological Park, Paraguay

Fabio López-Pires received a degree in Informatics Engineering, a M.Sc. in Networks and Data Communications and Ph.D. in Computer Science from National University of Asunción in Paraguay. With more than 10 years of professional experience in datacenter industries and more than 40 scientific publications in high impact journals and international conferences in different countries of America, Europe and Asia, he currently works as Head of Distributed Systems and Parallel Computing Group at the Itaipu Technological Park. Despite his short career as a researcher, he already received important national and international recognitions.

Title: Computational Intelligence Techniques for Bio-medical Knowledge-Based Systems

Abdel-Badeeh M. Salem
Ain Shams University, Abbassia, Cairo, Egypt

Abdel-Badeeh M. Salem Head of Artificial Intelligence and Knowledge Engineering Research Labs Faculty of Computer & Information Sciences,Ain Shams University, Abbassia, Cairo, Egypt. In the last years various computational intelligence (CI) techniques have been proposed by the researchers in order to develop efficient biomedical knowledge-based systems. CI offers a robust intelligent algorithms and smart methods that can help solving problems in a variety of medical and bioinformatics domains. This paper presents some of the CI paradigms and approaches for developing bio-medical knowledge-based systems.

Title: A biologically inspired spatio-chromatic feature for color object recognition

Tian Tian,
China University of Geosciences, China.

Tian Tian received her B.S. and Ph.D. from Huazhong University of Science and Technology (HUST), China, and visited Oakland University as a visiting scholar in 2012. She is currently with School of Computer Science, China University of Geoscience, Wuhan, China. Her major interests include computer vision and remote sensing image processing, and she has worked on feature extraction and image classification methods since the research of postgraduate period. Local image descriptors, biologically inspired image processing, deep learning methods on remote sensing image classification are what she mainly focuses on at present.

Title: Sign language recognition using deep learning: A survey of the recent work.

Razieh Rastgoo,
Spain

Razieh Rastgoo received the B.Sc. Degree in Computer Engineering, Hardware, and M.Sc. degree, in Computer Engineering, Artificial Intelligence in Iran. She currently is a Ph.D. student of Semnan University of Iran as well as the Ph.D. researcher at Barcelona University of Spain. Her interest areas are: Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Smart Grids, Sign Language, Routing Protocols, Computer Networks.

Title: Advanced Time Series Prediction Methods

Cagcag Yolcu Ozge,
Giresun University, Turkey

Ozge Cagcag Yolcu is a professor at Department of Industrial Engineering of Giresun University, Turkey. She received the M.Sc. (M.Sc. thesis title: Optimization of patient waiting time in the department of brain surgery of Ondokuz Mayis University by simulation) and the Ph.D. (Phd. thesis title: A new hybrid fuzzy time series approach) degrees in statistics at the Faculty of Science and Arts of the University of Ondokuz Mayis, Turkey, in 2010 and 2013, respectively. She was situated in the Robotics Research Group, Department of Informatics at King's College London for a year in 2015 for postdoctoral research. Ozge Cagcag Yolcu has her expertise in time series analysis, fuzzy inference systems, artificial neural networks, artificial intelligence optimization algorithms, and robust statistics. She has various studies on time series prediction models including fuzzy inference systems and computational systems.

Title: The Geographic Information Systems in the era of Big Data. The Impact on Society

Marco Antonio López Vega,
Institute of Geography UNAM,
Mexico.

Engineer in Communications and Electronics from the National Autonomous University of Mexico UNAM, with a Master's Degree in Information Systems. It has Certification: DBA by ORACLE, System Manager by Silicon Graphics and Microsoft Systems Engineer. Developer for more than 15 years of Geographic Information Systems. Professor of undergraduate, postgraduate and diploma in Geomatics of the UNAM. The research lines it mainly supports are: Geographic Information Systems, Spatial Data Infrastructure, Spatial Databases Systems and Geotechnology. It also has international publications on Big Data and GIS.

Title: Appling Both Hybrid Restricted Boltzmann Machine and Deep Convolution Neural Networks to Low-Resolution Face Image Recognition

Shi-Jinn Horng,
Taiwan

Shi-Jinn Horng received the B.S. degree in electronic engineering from National Taiwan Institute of Technology, Taiwan, the M.S. degree in information engineering from National Central University, Taiwan, and the Ph.D. degree in computer science from National Tsing Hua University, Taiwan, in 1980,1984, and1989, respectively. Currently, he is a Chair Professor in the Department of Computer Science and Information Engineering, National Taiwan University of Science and Technology. His research interests include Deep Learning, Biometric Recognitions and Image Processing.

Title: Enforcing Timely Network Policies Installation in OpenFlow-based Software Defined Networks

Ting Wang,
Huawei Technologies Co., Ltd,
China.

Ting Wang received his Ph.D. degree in Computer Science and Engineering from Hong Kong University of Science and Technology, Hong Kong SAR China, in 2015, the Master Eng. degree from Warsaw University of Technology, Poland, in 2011, and the Bachelor Sci. degree from University of Science and Technology Beijing, China, in 2008. From 02.2012 to 08.2012 he visited as a research assistant in the Institute of Computing Technology, Chinese Academy of Sciences, China. From 09.2015 to 06.2016, he was a research scientist in Alcatel Lucent Bell Labs, Shanghai, China. He is currently a researcher at Huawei. His research interests include data center networks, cloud computing, green computing, network function virtualization, and software defined network.

Title: What is the relation between Artificial Intelligence and Pattern Recognition under the Internet of things?

Yibin Hou,
Beijing University of Technology,
China.

Ofer Aluf is a graduate of Ben-Gurion University (Israel), and holds a BSc degree in Electrical Engineering and an MSc in Physics. He has many years of experience on the high tech market in the following areas: system and integration engineering; application and support; wafers testing; chip design; RF and microwave systems verification; and semiconductors. His specialties include: circuits and systems; RF and microwave systems; RF and microwave antennas – design, simulation and analysis; RFID systems – design and simulation; electrooptics, optoisolation modules and circuits; non-linear dynamics; optical and electro-optical systems; RF/RFIC circuits – simulation and analysis; and biological systems analysis. He has published many academic books and numerous refereed papers in professional and IEEE journals.

Title: Person Re-Identification by Sequence Matching without Pairwise Labelling

Xiaolong Ma,
China Academy of Electronics and Information Technology,
China

Dr. Xiaolong Ma undertook a Ph.D. degree program in the Department of Automation at the Tsinghua University, Beijing, China, from 2011, and won Guanghua Award for his studies twice. He completed his Ph.D. studies in July 2016. From 2016 to 2018, Dr. Ma was a postdoctor at the China Academy of Electronics and Information Technology. His current research interests include person re-identification, intelligent transportation system, image and video processing, and computer vision.

Title: 3D Medical Image Processing: Volume Segmentation

Shadi M. AlZu'bi,
Zaytoona University of Jordan.

Shadi AlZu'bi He received the B.E. degree in computer and networks engineering from Jordan University of Science and Technology (JUST), Jordan, in 2007, and the M. Eng. Degree in engineering Projects Management from the University of Technology, Sydney (UTS), Sydney, Australia, in 2008, and the PhD. degree in Computer engineering from Brunel University - London, The United Kingdom, in 2011. In 2011, he joined the Department of Computer Science, Jordan University of Science and Technology (JUST), as a Lecturer, and in 2012 became an assistant professor in the department of computer science in Zaytoonah University of Jordan, Amman, Jordan. Since September 2014, he has been with the Department of Multimedia Systems in Zaytoonah University of Jordan, Amman,Jordan till September 2016 then back to computer science department and still working there. His current research interests include image processing, Medical imaging, 3D volume processing, medical imaging, computation acceleration using parallel processing and image compression and archiving. Dr. AlZu'bi is a Fellow of the Jordan Engineers association. He was a recipient of Vice-Chancellor Prize of Brunel University for two times.

Berlin Attractions



Glimpses of Multimedia conferences

















Scientific Program

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1842nd Conference



4th Global Summit and Expo on

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July 19-21, 2018 | Rome, Italy

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Day-1

July 19, 2018

Registrations

Opening Ceremony

Olimpica 2

KEYNOTE FORUM

Introduction

Title: Visual perception for autonomy application to object detection and behavior analysis in complex environmental conditions
K Asari Vijayan, University of Dayton, USA
Title: SensFloor®: Human movement tracking and more
Christl Lauterbach, Future-Shape GmbH, Germany

GROUP PHOTO

Networking & Refreshments

Title: The journey from convolutional neural network to real customer value
Andreas Greilhuber, Anyline GmbH, Austria

WORKSHOP

Title: Tracking user status and situation using wearable device
Jaehyun Park, Incheon National University, South Korea

Lunch Break

Sessions: Animation and Simulations | Artificial Intelligence | Image Processing | Computer Vision & Pattern Recognition | Multimedia Networking|Internet of Things

Chair: Vijayan k Asari, University of Dayton, USA
Chair: Hector Perez-Meana, National Polytechnic Institute, Mexico

INTRODUCTION

Title: Semi-tensor product compressive sensing and its application in image processing
Haipeng Peng, Beijing University of Posts and Telecommunications, China
Title: Evaluation of mobile GSM performance under different atmospheric propagation models
Qaysar Salih Mahdi, Ishik University, Iraq
Title: Recent research on hardware neural network
Byung-geun Lee, Gwangju Institute of Science and Technology, Republic of Korea
Title: Foraging behavior of ants and its application in optimization field
Lixiang Li, Beijing University of Posts and Telecommunications, China

Title: Detectionof uneven road surfaces on internet of vehicles
Hanmin Jung, Korea Institute of Science and Technology Information, South Korea

Networking & Refreshments

Title: **Use of multimedia in grant applications**
Michael Robert Doran, Queensland University of Technology, Australia
Title: **Advanced time series prediction methods**
Ozge Cagcag Yolcu, Giresun University, Turkey
Title: **A biologically inspired spatio-chromatic feature for color object recognition**
Tian Tian, China University of Geosciences, China

PANEL DISCUSSION

Day-2

July 20, 2018

Meeting Hall: Olimpica 2

KEYNOTE FORUM

Title: **Distributed artificial intelligence in robotics**
Alfonso Iniguez, Swarm Technology, USA
Title: **Trends and challenges in virtual reality technology**
Daphne Economou, Westminster University, UK

Networking & Refreshments

Title: **Document scanning from R & D to a real product at Anyline GmbH**
Aniello R Patrone, Anyline GmbH, Austria

Sessions: **Virtual reality | Neural Networks | Artificial Intelligence | Image Processing | Computer Vision & Pattern Recognition | Multimedia Networking**

Chair: **Daphne Economou,** Westminster University, UK

INTRODUCTION

Title: **Face expression recognition in constrained and unconstrained environments**
Hector Perez-Meana, National Polytechnic Institute, Mexico

Lunch Break

Title: **Layers of meaning: Exploring artistic impressions and imperfect realism in virtual reality**
Benjamin Seide, Nanyang Technological University, Singapore

Title: Appling both hybrid restricted Boltzmann machine and deep convolution neural networks to low-resolution face image recognition

Shi-Jinn Horng, National Taiwan University of Science and Technology, Taiwan

Title: Multimodal image popularity prediction on social media

Kai-Lung Hua, National Taiwan University of Science and Technology, Taiwan

Title: Automatic video superimposed text detection based on nonsubsampled contourlet transform

Xiaodong Huang, Capital Normal University, China

Networking & Refreshments

Title: Real-time highly accurate face alignment using a three-stage convolutional neural regression networks

Daijin Kim, Pohang University of Science and Technology, Republic of Korea

Title: A new matrix operation in compressed sensing

Yaqi Mi, Beijing University of Posts and Telecommunications, China

Awards & Closing Ceremony

PANEL DISCUSSION

Day-3

July 21, 2018

Networking and Lunch

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1051st Conference

Scientific Program

3rd Global Summit and Expo on

Multimedia & Artificial Intelligence

July 20-21, 2017 Lisbon, Portugal



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Day 1 July 20, 2017

Registrations

Vasco de Gama 1

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Opening Ceremony

Keynote Forum

Introduction

Title: How well can computers recognize handwriting?

Ching Y Suen, Concordia University, Canada

Title: Document analysis: A state of the art concerning a research field at the intersection of several disciplines

Jean-Marc Ogier, University of La Rochelle, France

Group Photo

Networking & Refreshments Break

Title: Multimedia security in big data era: Advances and open questions

Jiankun Hu, University of New South Wales, Australia

Title: Video-based interactive and immersive media experiences

Teresa Chambel, University of Lisbon, Portugal

Sessions: Animation and Simulations | Artificial Intelligence | Image Processing | Computer Vision & Pattern Recognition | Multimedia Networking

Session Chair: Ching Y Suen, Concordia University, Canada

Session Co-Chair: Mort Naraghi-Pour, Louisiana State University, USA

Session Introduction

Title: Context-based unsupervised ensemble learning and feature ranking

Mort Naraghi-Pour, Louisiana State University, USA

Title: The Circuit of Bachelard: A lumino kinetic interactive artwork at Ecole de technologie supérieure

Ghyslain Gagnon, Ecole de technologie supérieure, Canada

Lunch Break

Title: Sequential modelling and recognition of human gestures and actions

Mounim A El Yacoubi, University of Paris-Saclay, France

Title: Blur in text documents: Estimation and restoration

Nicole Vincent, Paris Descartes University, France

Title: Designing video games

Nuria Medina Medina, University of Granada, Spain

Title: Computer vision and machine intelligence to the service of societal needs

Stylianos Asteriadis, Maastricht University, Netherlands

Title: Image to sound mapping and its processing techniques

Arata Kawamura, Osaka University, Japan

Networking & Refreshments Break

Title: PANOSE-A: Encoding Arabic fonts based on design characteristics

Jehan Janbi, Taif University, KSA

Title: Dynamic RB allocations using ARQ status reports for multimedia traffic in LTE networks

Tsang-Ling Sheu, National Sun-Yat-sen University, Taiwan

Title: Feature-point geometrical face recognition with local invariant features

Yea-Shung Huang, Huang-Hua University, Taiwan

Title: Maya blend shapes for 3D facial animation

David Xu, Regent University, USA

Panel Discussion

Day 2 July 21, 2017

Vasco de Gama 1

Keynote Forum

Title: Playful multimedia in smart and playable cities
Anton Nijholt, University of Twente, Netherlands
Title: Biometric big data in smart cities: Opportunities in forensics, healthcare, banking, cybersecurity and privacy
Richard Jiang, Northumbria University, UK

Networking & Refreshments Break

Workshop

Title: Can handwriting analysis help for Alzheimer detection?
Mounîm A El-Yacoubi, University Paris Saclay, France

Sessions: Computer Graphics & Applications | Machine Learning | Computer Vision & Pattern Recognition | Image Processing

Session Chair: J J Joshua Davis, The Embassy of Peace, New Zealand

Session Introduction

Title: Interactive complex virtual environments using XML configuration files
Leonel Antonio Toledo Díaz, Barcelona Supercomputer Center, Spain
Title: Pattern recognition for architecture: Identifying interior styles and scene components from images
Aykut Koc, ASELSAN Research Center, Turkey

Lunch Break

Title: Learning about higher cognitive functions through the art of encephalography and brain dynamics movies
J J Joshua Davis, The Embassy of Peace, New Zealand
Title: Training long history on real reward and diverse hyper parameters in threads combined with DeepMind's A3C+
Takayoshi Iitsuka, The Whole Brain Architecture Initiative, Japan
Title: The impact of utilizing Twitter in the e-learning process: The comprehension of taught materials and the communication between college students
Mrouj M Almuhajri, Saudi Electronic University, KSA
Title: Technique of obtaining visually perceived positions using movements of users' bodies
Masohiro Suzuki, Kanagawa Institute of Technology, Japan
Title: Sparse representation for image classification
Yufang Tang, Shandong Normal University, China
Title: Generating graphs from key points for near-duplicate document image matching
Li Lu, University of Shanghai for Science and Technology, China

Networking & Refreshments Break

Panel Discussion

Young Researchers Forum

Title: A distant augmented reality system for cultural heritage sites using drones
Metehan Unal, Ankara University, Turkey
Title: Viewpoint class based camera pose estimation and object recognition
Yoshikatsu Nakajima, Keio University, Japan
Title: Packet loss rate mapped to the quality of experience in the IOT network
Jin Wang, Beijing University of Technology, China

Awards for Poster Presentations



Bookmark your dates

4th Global Summit and Expo on

Multimedia & Artificial Intelligence

June 18-20, 2018 Warsaw, Poland

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613th Conference

Scientific Program

Proceedings of

2nd Global Summit and Expo on

MULTIMEDIA & APPLICATIONS

August 15-16, 2016 London, UK



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Scientific Program

Day 1 August 15, 2016

Registrations

Madison

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Opening Ceremony

Keynote Forum

Introduction

Title: Digital fonts and reading
Ching Y Suen, Concordia University, Canada

Title: Art and multimedia
Yoichiro Kawaguchi, University of Tokyo, Japan

Networking and Refreshments

Title: Animation: The reality of emotion
Jamie Denham, Sliced Bread Animation, UK

Session: Imaging and Image processing | Multimedia in Computer Games | Mobile Multimedia | Multimedia Tools and Applications | Multimedia Signal Processing

Session Introduction

Session Chair: Vijayan K Asari, University of Dayton, USA
Session Co-Chair: Margrit Gelautz, Vienna University of Technology, Austria

Title: Dynamic simulation and effects in animation and computer game
David Xu, Regent University, USA

Title: Algorithms for 3D film content generation and post-processing
Margrit Gelautz, Vienna University of Technology, Austria

Lunch

Title: On the fast impulsive noise removal in color digital images
Bogdan Smolka, Silesian University of Technology, Poland

Title: Flow as you've never seen it
Robert S Laramee, Swansea University, UK

Title: Real-time correction of panoramic images using hyperbolic Möbius transformations
Leonardo Sacht, Federal University of Santa Catarina, Brazil

Title: Homographic p-norms: Metrics of homographic image transformation
Changsoo Je, Sogang University, Korea

Title: The complexity model of communication with computer images
Toshie Takahashi, Waseda University, Japan

Title: Gradient domain image denoising
Xiaobo Zhang, Xianyang Normal University, China

Networking and Refreshments

Title: Approximation of feature pyramids in the transform domain for object detection
Mohamed A Naiel, Concordia University, Canada

Title: Efficient video compression techniques
Ahmad A Mazhar, Saudi Electronic University College of Computing and Informatics, KSA

Title: Fuzzy PID control method for outer loop voltage of bidirectional DC-DC Converter
Guangya Liu, Hubei University of Technology, China

Panel Discussion

Day 2 August 16, 2016

Madison

Keynote Forum

Introduction

Title: A nonlinear manifold learning strategy for robust face recognition
Vijayan K Asari, University of Dayton, USA

Title: Visual analytics for big video data
Robert S Laramee, Swansea University, UK

Networking and Refreshments

Session: **Computer Vision | Multimedia Health Computation and its Applications | Multimedia Systems and Applications | Human-Computer Interaction | Multimedia Content Analysis**

Session Introduction

Session Chair: Ghyslain Gagnon, Ecole de Technologie Supérieure, Canada
Session Co-Chair: Changsoo Je, Sogang University, Korea

Title: Robust multiple-instance learning ensembles using random subspace instance selection
Ghyslain Gagnon, Ecole de Technologie Supérieure, Canada
Title: Automatic object recognition and tracking in complex environmental conditions
Vijayan K Asari, University of Dayton, USA
Title: Cultural comparison for the action of looking at a mobile phone display focusing on independent/interdependent self
Takashi Nakamura, Niigata University, Japan
Title: Complex event detection via bank based multimedia representation
Changyu Liu, South China Agricultural University, China

Lunch

Title: Fast motion estimation for HEVC on graphics processing unit (GPU)
Dongkyu Lee, Kwangwoon University, Korea
Title: BrightHearts - the development and evaluation of an application for training children in the use of biofeedback assisted relaxation for the management of pain and anxiety
Angie Morrow, Kids Rehab- The Children's Hospital at Westmead, Australia
Title: Mobile network computer should be the terminal of mobile communication network in multimedia age
Zhaoming Guo, Beijing Institute of Technology, China
Title: The global performance evaluation for local descriptors
Xintao Ding and Yonglong Luo, Anhui Normal University, China

Networking and Refreshments

Title: Visualization techniques for crowd simulation
Leonel Antonio Toledo Díaz, Instituto Teconologico de Estudios Superiores de Monterrey, México
Title: Approach for microposts retrieval in microblogging platforms based on Semantic Web technologies and social network analysis
El Habib Nfaoui, Sidi Mohamed Ben Abdellah University, Morocco
Title: A cognitive multimedia environment and its importance: A conceptual model for effective learning and development
Yolanda Mafikeni, Hartland Training & Development Centre, South Africa

Panel Discussion

Award Ceremony & Certificate Distribution

Bookmark Your Dates

3rd Global Summit and Expo on

Multimedia & Applications

July 20-21, 2017 Lisbon, Portugal

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