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World Conference
on Information Technology

10th WORLD CONFERENCE on INFORMATION TECHNOLOGY (WCIT 2020)

Istanbul Nisantası University
Maslak, Sarıyer, Istanbul, Turkey
20-22 November, 2020

DRAFT PROGRAM

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Organized by
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Association for Human, Science, Natura, Education and Technology

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KEYNOTES

Assoc. Prof. Dr. Murat Sönmez
Middle East Technical University Northern Cyprus Campus
Güzelyurt / TRNC Mersin Turkey

Keynote Title: The role of academics for engineers to enable them to fulfil their expected roles in sustainable development

Abstract: The adverse environmental impact of global warming has been accepted by the scientific community. Equally well documented is the catalysing effect of fossil fuel consumption on global warming through greenhouse gas emissions. The focus of scientific and engineering research has inevitably drifted from achieving high output at any energy cost to accomplishing required work with minimum energy consumption. Large international companies have embraced “going green”, not only due to the positive public image repercussions of being environmentally friendly but also competitive advantages from reduced manufacturing costs. Nowadays, it is a very important and widespread mission to achieve organizational objectives at minimum energy, material, and water consumption and correspondingly at minimum cost, by supplying energy at the lowest available price, managing energy consumption at peak efficiency, and utilizing the most appropriate technology, finding the optimum shape and size for a product for having a sustainable world. After having national and international decisions and policies of country executives, engineers find their roles again at the conceptual design, detailed design, manufacturing, and maintenance stages. This article highlights that a sustainable world requires welleducated engineers with fresh ideas, analytical approaches, interdisciplinary research and development skills, and subjects not only the role of engineers but also that of academics in sustainable development.

Key Words: Sustainable development, Engineering education

Bio: Assoc. Prof. Dr. Murat Sönmez, was born in Ankara, Turkey, in 1959. He received his PhD degree in Mechanical Engineering from Middle East Technical University (METU), in 1995. He worked as a research engineer, a teaching assistant and then an instructor for METU (Ankara Campus) between 1981- 2007. Currently, he is a full-time faculty member in the Mechanical Engineering Program at METU Northern Cyprus Campus. His main research interests include energy saving, energy management, technical education, computer aided design and manufacturing. He is editor in chief of World Journal of Environmental Research, member of Research and Publication Ethics Committee of METU NCC, and one of the members of the editorial board of the Science PG- Educational Journal. He is also one of thepeer reviewers of Science PG- American Journal of Energy Engineering, and that of British Educational Research Journal.

Prof. Dr. Özcan Asilkan
Metropolitan University of Tirana
Tirana, Albania

Keynote Title: Understanding the Digital Transformation

Abstract: Are you ready for Digital Transformation? Do you really know where to start, how to proceed and manage the change?

There is no longer any doubt about whether the businesses should realize the digital transformation. Any business that wants to survive or increase profitability in today's highly competitive marketplace must definitely go digital to satisfy the increasing expectations of its customers. The main concern for digital transformation should be how correct and efficient to realize it.

Performing a right digital transformation is crucial for all organizations. Researches show that most of them fail the transformation when they primarily focus on IT investment. In fact, digital transformation is a complete transition that affects all areas of a business. It must start with a thorough understanding of the philosophy of digitalization and continue with modification of the current business plans to a new digital business model. When done right, it modifies the way organization works along with significant changes. That requires a thorough understanding of change management. Companies doing the digital transformation in the right way will be surviving and becoming more profitable while others will be disappointed.

This keynote will present the core issues on digital transformation to understand it better and implement successfully.

Bio: Prof. Dr. Özcan Asilkan is an experienced professor and computer engineer with a demonstrated academic and professional experience in universities and industry. His research interests focus on Computer Science, Management Information Systems, Database Systems, Data Mining, Machine Learning, Health Informatics and Hospitality.
With more than 20 years of academic and business expertise, he has held many engagements throughout the world like Turkey, Germany, North Cyprus, Albania, North Macedonia, etc.

As computer engineer, he worked at various positions like System Analyst, Database Administrator, Application Developer and Consultant. As academic, he founded and chaired the departments of Computer Engineering and Management Information Systems in various universities. He chaired several international conferences and took part as Keynote speaker in several others. In addition to his native tongue (Turkish), he also knows fluent English and intermediate German.

Since September 2019 he has been working as the Dean of the Faculty of Computer Science and IT at Metropolitan University of Tirana in Albania.

Assoc. Prof. Dr. Nazım Kaşot
University of the Mediterranean Karpasia
North Cyprus

Keynote Title: Teaching Environmental Education Through Technology

Abstract: It is very important to share information about the environment, to create awareness and to ensure its sustainability, to connect with and touch people. People need to know that the environment must be protected in order to survive. Addressing environmental problems and eliminating these problems can only be possible if people have environmental awareness. Various media tools and technologies can be used to spread environmental awareness among people.

It is known by all that social media raise awareness of the public by examining environmental problems. For this reason, it can be said that the easiest way to share information about the environment is social media. Increasing environmental knowledge and awareness with technologies that can be used alongside the media has become one of the important issues of today's world. The Covid-19 pandemic has shown that digital learning has become a part of our lives despite different opinions and will be used more often in the future. In this presentation; Methods that will facilitate the learning of environmental issues in technology aid will be mentioned and examples will be given.

Bio: Nazım Kaşot studied biology at the Ege University between the years 2003 and 2007. His graduation project was about the biology of stripe necked terrapin (*Mauremys rivulata*). He was ranked third in the class and the fourth of section Nazım Kaşot, Kıbrıs Adası'nda Dağılış Gösteren Çizgili Kaplumbağa'nın (*Mauremys rivulata*) Ekolojisi ve Biyolojisi Hakkında Bir Ön Çalışma with 85/100 points. He has the master degree on Secondary Education Field Teaching at Atatürk Teacher Training Academy between the years 2010 and 2011 and then worked as a biology and science teacher at the Bekirpaşa High School, Mehmetçik Secondary School, Mağusa Vocational High School, Haspolat Vocational High School and Gazi Mağusa Türk Maarif College. He had many experiences in the field of secondary education and combined his experiences to improve the environmental education in secondary schools. He was graduated from the master program on environmental education at the Near East University in 2012. He was also graduated from his PhD program on the same area in 2016 at the same university. He is now working for University of the Mediterranean Karpasia as an associate professor. He is conducting researches especially on environmental educatiton and biodiversity issues.

DRAFT PROGRAM

IMPORTANT EVENTS

20.11.2020 10:00 – 10:15	Opening Ceremony	

TIME	TITLE	SPEAKER	HALL NAME
20.11.2020 10:15 – 11:00 Keynote 1	"Teaching Environmental Education Through Technology"	Assoc. Prof. Dr. Nazım Kaşot *University of the Mediterranean Karpasia*, North Cyprus	1

11:00 – 11:20	Coffee Break

TIME	TITLE	SPEAKER	HALL NAME
20.11.2020 11:20 – 12:00 Keynote 2	"The role of academics for engineers to enable them to fulfil their expected roles in sustainable development"	Assoc. Prof. Dr. Murat Sönmez *Middle East Technical University Northern Cyprus Campus* *Güzelyurt / TRNC Mersin Turkey*	1

12:00 – 13:00	Lunch

TIME	TITLE	SPEAKER	HALL NAME
21.11.2020 10:00 – 10:40 Keynote 3	"Understanding the Digital Transformation"	Prof. Dr. Özcan Asilkan *Metropolitan University of Tirana* Tirana, Albania	1

TIME		HALL NAME
21.11.2020 18:00 – 18:20	Closing Ceremony	1

20/11/2020, Friday
(Istanbul, Turkey Time, GMT+3)

IMPORTANT EVENTS

20.11.2020 10:00 – 10:15	Opening Ceremony	

TIME	TITLE	SPEAKER	HALL NAME
20.11.2020 10:15 – 11:00 Keynote 1	"Teaching Environmental Education Through Technology"	Assoc. Prof. Dr. Nazım Kaşot *University of the Mediterranean Karpasia*, North Cyprus	1

11:00 – 11:20	Coffee Break

TIME	TITLE	SPEAKER	HALL NAME
20.11.2020 11:20 – 12:00 Keynote 2	"The role of academics for engineers to enable them to fulfil their expected roles in sustainable development"	Assoc. Prof. Dr. Murat Sönmez *Middle East Technical University Northern Cyprus Campus* *Güzelyurt / TRNC Mersin Turkey*	1

12:00 – 13:00	Lunch

Session 1
13:00 – 15:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	The effect of Property Taxes in Portugal	Natacha Jesus Silva, Portugal
2	Analytical Approach to The State Of E-Governance in Africa: Using the Parameter of Nigeria Scenario	Ibrahim Abubakar, *Atilim University*, Turkey
3	Women and Prudence: How Prudent are the Women Working in Top Position on Financial Services Sector?	Çisem Bektur, Arzu Arzova, Sabri Burak Arzova, *Sakarya University*, Turkey
4	Strategic Environmental Assessment (Sea) Process for Business, Finance and Administrative Sciences in Industry 4.0 Towards Sustainable Development	Vijayan Gurumurthy Iyer, India
5	Intellectual property rights education for university students, a case study for universities in Binh Duong province, Vietnam	Tran Van Trung, *Thu Dau Mot University*, Vietnam
6	Higher-Order Moment and The Efficiency Rate of Stocks: A Case Study in Vietnam	Vo Hoang Oanh, *Thu Dau Mot University*, Vietnam
7	Intellectual Capital and Wealth of Nations: Firm Performance Standpoir	Gurhan Uysal, *Ondokuz Mayıs University*, Turkey
8	Congenital Unilateral Ear Canal Atresia, MRI Cortical Thickness and Eye Reflex Tests	Malou Eva Hultcrantz, *Karolinska Intitutet, CLINTEC,* Sweden

15:00 – 15:20	Coffee Break

Session 2
15:20 – 17:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Integrating Emotional Intelligence in academia: A literature review	Kanwal Gul Karera, Syeda Tayyaba Fasih, Syed Irfan Hyder, *Institute of Business Management*, Pakistan
2	Modern practice of financing higher education: analysis of the experience of OECD countries and the Republic of Kazakhstan	Assel Aryn, *Almaty Management University*, Kazakhstan
3	A Critical Review of Relationship among Job Performance, Job Stress, Job Satisfaction and Motivation: A Case from Private Sector Universities of Karachi	Masood Hassan, *IoBM*
4	Youth unemployment trends in Romania- a national and regional analysis	Corina Sacala Schonauer, *The Bucharest University of Economic Studies*, Romania
5	Assessing Aquifer Vulnerability to Pollution and Seawater Intrusion in The Telezza Plain, Lower Valley of The Guebli Wadi, Northeast of Algeria	Laroussi Beloulou, Zahira Chouit, Saadane Djorfi, *Université Badji Mokhtar*, Algeria
6	Optimization of the MPPT Efficiency with Fuzzy Logic for PV System	Cherait Leila Leila, Ourici Amel, *Université Badji Mokhtar,* Algeria
7	Inhibitive Effect of An Organic Compound on The Corrosion of Carbon Steel in Deminiralized Water	Nadia Hammouda, *20 Août 1955 University*, Algeria
8	Effect of Blade Pitch Angle on the Aerodynamic Performance of a HAWT	Mehmet Numan Kaya, Necmettin Erbakan University, Turkey

17:00 – 17:20	Coffee Break

Session 3
17:20 – 19:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Zero Hunger - Zero Emissions: Building Pathways to ZERO-ZERO –a low –carbon, hunger –free Nigeria	Oladipo Ademola Olubayo, Nigeria
2	Optimal Passive Filters Design Using Cuckoo Optimizationin Power System Supplying Nonlinear Load	Glaoui Hachemi, *University of Bechar*, Algeria
3	Determining the Optimum Medium Voltage Level by Analysis of Different Voltage Levels	Fatma Avli Firiş, Turkey
4	Increasing Ship Energy Efficiency with Diesel Electric Propulsion	Murat Pamik, Mustafa Nuran, *Dokuz Eylül University,* Turkey
5	An Assessment on The Efficient Use of Hybrid Propulsion System in Marine Vessels	Murat Bayraktar, A. Güldem Cerit, *Dokuz Eylül* University, Turkey
6	Increasing Efficiency with Biomimetic Approach in Thermoregulative Building Envelope Strategies Supporting Internal Thermal Comfort	Banu Çiçek Avcıoğlu, Hüdayim Başak, *Gazi University*, Turkey
7	Determination of Optimum Collector Angle and Suitability of Existing Building Stocks for The Minimum Cost In Çorum	Seyfi Şevik, Abdülkadir Koçer, Hüseyin İnce, F.Engin Tombuş, *Hitit University*, Turkey
8	The Impact Of Agricultural Technology On Poverty Reduction: The Comparison Between Vietnam And India	Trang Pham, *University of Banking,* Vietnam

21/11/2020, Saturday
(Istanbul, Turkey Time, GMT+3)

TIME	TITLE	SPEAKER	HALL NAME
21.11.2020 10:00 – 10:40 Keynote 3	"Understanding the Digital Transformation"	Prof. Dr. Özcan Asilkan *Metropolitan University of Tirana* Tirana, Albania	1

10:40 – 11:00	Coffee Break

Session 4
11:00 – 13:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Experimental Analysis by Image Processing of The Purity of Micronized Particles for Electrostatic Separators	Youssouf Brahami, Algeria
2	Identifying Optimal Orientation of a Photovoltaic Generator for Ozone Food Storage	Brahami Mohammed Nadjib, Boudjella Fatima Zohra, *Djillali Liabes University of Sidi Bel Abbès*, Algeria Karboua Abdelfettah, *ESSAT Tlemcen*, Algeria Nemmich Said, Brahami Mostefa, *Djillali Liabes University of Sidi Bel Abbès*, Algeria
3	Prediction of Renewable Energy Consumption for Future World by Using Artificial Neural Networks	Ramiz Musallam Salama, *Near East University*, Cyprus
4	Decreasing the Bad Effects of Climate Change on Islands, By Supporting of Artificial Neural Network Technology	Ramiz Musallam Salama, *Near East University*, Cyprus
5	Sustainable Environmental Impact Assessment of Pharmaceutical and Toxicological Industries	Vijayan Gurumurthy Iyer, *University of Madras*, India
6	Environmental Health Impact Assessment (EHIA) Process Act for the Control of Corona-Virus Disease (COVID-19) Pandemic and Epidemic Disasters	Vijayan Gurumurthy Iyer, *University of Madras*, India
7	Optimal sizing of a hybrid system for supplying the administrative unit of a limited liability company in ALGERIA by using Particle swarm optimization	Abdelfattah KERBOUA, Fouad BOUKLI HACENE; *ESSAT Tlemcen*, Algeria Mohammed Nadjib BRAHAMI; *Djillali Liabès University*, Algeria Ahmed Mahmoud LEMRABOUT, Abdel Kader MAHMOUD; *Nouackott University*, Mauritania
8	Waste Management Education: A Driven Concern for Academic Community	Gbadebo Edward Gbadeyanka, *Karabuk University*, Turkey

13:00 – 14:00	Lunch

Session 5
14:00 – 16:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Designing a new distance assessment tool in Spain	Jesus Garcia Laborda, Teresa Magal-Royo, Ana Gimeno-Sanz, *Universidad de Alcala*, Spain
2	An Analysis on Industrial Internet of Things in Digital Transformation of Shipyard in Turkey	Ibrahim Cil, Fahri Arisoy, Hilal Kilinc, *Sakarya University*, Turkey
3	Developing Cooling System Application (Arduino) For the immobile patients	Ramiz Musallam Salama, *Near East University*, Cyprus
4	Mobile Application Development for Deaf Assistant	Ramiz Musallam Salama, *Near East University*, Cyprus
5	Developing strategic games SUDOKU for assistance in modern means of education	Ramiz Musallam Salama, *Near East University*, Cyprus
6	Design and development for the security of Airport Network by using Cisco Packet Tracer	Ramiz Musallam Salama, *Near East University*, Cyprus
7	Role of Diversity and Workforce Management in Promoting Innovation	Chitra Krishnan, Gurinder Singh, *Amity University*, India
16:00 – 16:20	Coffee Break	

Session 6
16:20 – 18:00

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Visibility of Resources and Assets in the Shipyard Industry with IoT	Ibrahim Cil, Fahri Arisoy, Hilal Kilinc, *Sakarya University*, Turkey
2	How does technology and social media otimize CLIL education	Jesus Garcia Laborda, Kassemi Serroukh Umaima, *Universidad de Alcala*, Spain
3	Effort-based Information Retrieval Evaluation with Varied Evaluation Depth and Topic Sizes	Sri Devi Ravana, *University of Malaya*, Malaysia
4	Prinventon: a game in mobile application based on the learning about sexuality in adolescence	Luciana Mara Monti Fonseca, Lilian Mayumi Chinen Tamashiro, *University of São Paulo at Ribeirão Preto College of Nursing*, Brazil
5	Cares for premature baby dependent on technology: prototype of a mobile application for the family	Luciana Mara Monti Fonseca, Natália Condé Brondi Delácio, *University of São Paulo at Ribeirão Preto College of Nursing,* Brazil
6	Use of NI Labview and DAQ solution for controlling the vacuum level in a mechanical milking machine	Radu Gheorghe Rosca, *University of Agricultural Sciences Iasi*, Romania
7	Analyzing & Modeling Energy Consumption Logs	Abba Hassan, *A. T. A. Polytechnic Bauchi*, Nigeria

TIME		HALL NAME
21.11.2020 18:00 – 18:20	Closing Ceremony	1