



REV2022 28 February – 02 March 2022, The British University in Egypt, Cairo

Session Overview

Date: Monday, 28/Feb/2022

9:00am	HD 0: Helpdesk - pre-conference Virtual location: Fayyoun
-	Chair: Habiba Khaled Elsabagh , The british university in Egypt
3:00pm	Techn. Chair: Ismail Ahmed Abdelrahman Gomaa , British university in egypt
10:00am	WS1: Workshop: Analog Signal Processing concepts using Python and Multisim Live Virtual location: Cairo
-	Chair: Kanmani Buddhi , BMS College of Engineering
12:00pm	Techn. Chair: Dina Ahmed Zekry , The British University In Egypt
Analog Signal Processing concepts using Python and Multisim Live Kanmani Buddhi BMS College of Engineering, India	
11:00am	CD1: Conference Registration Desk 1 Location: Registration desk
-	Chair: Nada Eltaki , The British University in Egypt
1:00pm	Techn. Chair: Shahab Ayman , The British University in Egypt
1:00pm	WS2: Workshop: Artificial Intelligence (AI) Application Development Using Open-Source Resources Virtual location: Alexandria
-	Chair: Dan Centea , McMaster University
3:00pm	Techn. Chair: Eslam Hesham , The British University in Egypt
Artificial Intelligence (AI) Application Development Using Open-Source Resources Dan Centea McMaster University, Canada	
1:00pm	BUE: Welcome to the BUE - excursion We meet at building C. Toka Hassan will guide you during the excursion
-	
3:00pm	BUE Reception: Welcome Reception Welcome reception for all guests of the conference, who arrived on-site.
-	Prof. Samir el-Seoud and Prof. Omar Karam will welcome all guests.
4:00pm	Participation of Vice-chancellor and First Deputy Vice-Chancellor asked

Date: Tuesday, 01/Mar/2022

9:00am	CD2: Conference Registration Desk 2 Location: Registration desk
-	Chair: Shahab Ayman , The British University in Egypt
3:30pm	Techn. Chair: Nada Eltaki , The British University in Egypt
9:30am	HD 1: Helpdesk Virtual location: Fayyoun
-	Chair: Habiba Khaled Elsabagh , The british university in Egypt
6:00pm	Techn. Chair: Ismail Ahmed Abdelrahman Gomaa , British university in egypt
10:00am	Opening: Opening Ceremony of the 19Th International Conference of Remote Engineering and Virtual Instrumentation Location: H214
-	Chair: Samir Abou El-Seoud , The British University in Egypt (BUE)
11:00am	Techn. Chair: Muhammad Mustafa Hassan , University of Central Punjab
1. Opening, Prof. Michael E. Auer, REV General Chair, CTI International, Frankfurt, Germany 2. Welcome speeches: • Prof. Mohamed Loutfi, President and Vice-Chancellor, BUE, Egypt • Prof. Yehia Baheir-El-Din, Deputy Vice Chancellor, Vice President for Research and Enterprise BUE, Egypt 3. Welcome speech Prof. Dominik May, President IAOE, USA 4. Dean of the Faculty of Informatics and Computer Science, BUE, Prof. Omar Karam For online guest: open the session description and see the link.	
11:00am	P1: Plenary session 1 Location: H214
-	Chair: Samir Abou El-Seoud , The British University in Egypt (BUE)
11:45am	Techn. Chair: Toka Hassan , The British University in Egypt
Hesham H. Ali University of Nebraska at Omaha, NE, USA Mobility and Health: can we use Wireless Sensors and Mobility Data for Health Assessment?	
11:45am	P2: Plenary session 2 Location: H214
-	Chair: Andreas Pester , The British University in Egypt
12:30pm	Techn. Chair: Toka Hassan , The British University in Egypt
Frederic Andres National Institute of Informatics, Tokyo, Japan Society 5.0 and citizen: Challenges and Issues	

12:30pm - 1:30pm 1:30pm - 3:00pm	LB 1: Lunch break 1		
	1A Location: H215 Chair: Frederic Andres, National Institute of Informatics Techn. Chair: Dina Ahmed Zekry, The British University In Egypt Personality Traits of Twitter Bullies using Deep learning Abeer Hamdy, Alaa Hesham British university in egypt, Egypt Pests' Attacks Prediction Using Sensor Fusion In Green Houses Laila Hatem Hammam, Ihab Adly The British University in Egypt, Egypt Efficient Collaborative and Cooperative Laboratory Experimentation System for Online Engineering, Science and Technology Education Ahmed M. Abd El-Haleem^{1,2}, Noha A. Elmosilhy³, Abdullah I. Salama¹, Eman Serag El Din⁴, Mahmoud M. Elmesalawy¹ 1: Helwan University, Cairo, Egypt; 2: British University in Egypt (BUE), Cairo, Egypt; 3: Canadian International College (CIC), Cairo, Egypt; 4: National Telecommunication Institute (NTI), Cairo, Egypt On Analogic Non-Propertly Prepared Teachers Versus Noisy Contaminated Optical Character Recognition Regarding Students' Academic Performance, Adopting Artificial Neural Networks' Modelling Hassan M. H. Mustafa Banha University, Egypt Online Photovoltaic Pump System Sizing Tool For Educational Purposes Abdullah Hatem, Ahmed Ashraf, I. M. Mahmoud, Sameh O. Abdellatif, Hani Ghali The British university in Egypt, Egypt	1B: Special Session Special Session: Advances in the Applications of Informatics and Computer Science (AAICS) Location: H213 Chair: Walid Hussein, The British University in Egypt Techn. Chair: Eslam Hesham, The British University in Egypt A Survey for the Current Practices of Building Information Modeling (BIM) Software's as Drawing Tool in Egyptian Construction Industry Rania R. Moussa, Dina R. M. Moawad, Samir Abou El-Seoud The British University in Egypt (BUE), Egypt A LabVIEW Application Implemented for Simulating the Working Principle of the Brain-Computer Interface Oana Andreea Rusanu, Ileana Constanta Rosca Transilvania University of Brasov, Romania Adaptive Weighted Sum Bi-Objective Bat for Regression Testing Optimization Nagwa Faisal¹, Abeer Hamdy², Essam Rashed² 1: British university in egypt, Egypt; 2: Suez Canal university Studding The Benefits of BIM Software's Plug-Ins on Architectural practice Rania Moussa, Dina Rushdy, Samir Abou El-Seoud The British University in Egypt (BUE), Egypt	1C: Special Session: The Impact of Digitization in Engineering Training (SCHOOL – UNIVERSITY – INDUSTRY cooperation) (IDET) Virtual location: Cairo  Chair: Doru Ursutiu, TRANSILVANIA University of Brasov - AOSR Romania Techn. Chair: Omar Kamal, The British University in Egypt if you want to attend the session onsite, go to the room H214 New Laccase Portable Monitor Petru Epure, Andra Perju, Petru P. Epure Epi-Sistem SRL, Romania Software Configurable Hardware-based Remote Laboratory System Tinashe Chamunorwa¹, Doru Ursutiu^{1,2}, Cornel Samoila^{1,3}, Horia Hedesiu⁴, Horia Alexandru Modran¹ 1: Transylvania University of Brasov - VAT 14152658, Romania; 2: Academy of Romanian Scientists; 3: Romanian Academy of Technical Sciences; 4: Technical University Cluj-Napoca,Romania Noise Reduction through Artificial Intelligence Techniques: An Introductory Study Horia Alexandru Modran¹, Doru Ursutiu^{1,2}, Cornel Samoila^{1,3}, Tinashe Chamunorwa¹ 1: Transilvania University of Brasov, Romania, Romania; 2: Romanian Academy of Scientists, Bucharest, Romania; 3: Romanian Academy of Technical Sciences, Bucharest, Romania AES Hardware Implementation Based On FPGA With Improved Throughput Andreea-Cristina Suiu Cristea, Alexandra Balan Transilvania University of Brasov, Romania The Impact of Digitization on the Romanian Music Therapists Fulvia Anca Constantin Transilvania University of Brasov, Romania Novel Dynamometer: the Gripwise Maria Teresa Restivo¹, Diana Urbano², Tiago Andrade³, Paulo Abreu², Maria de Fátima Chouzal² 1: A3ES, LAETA, University of Porto, Portugal; 2: LAETA, Faculty of Engineering, University of Porto, Portugal; 3: GripWisetech.com Printed Wearable Accessories For Electrochemical Applications Petru Epure¹, Doru Ursutiu^{2,3}, Cornel Samoila^{2,4}, Petru P. Epure¹ 1: Epi-Sistem SRL, Romania; 2: Universitatea Transilvania Brasov; 3: Academy of Romanian Scientists; 4: Technical Sciences Academy of Romania
3:00pm - 3:15pm 3:15pm - 4:00pm	CB 1: Cyber Break/Coffee break		
	P3: Plenary session 3 Virtual location: Cairo  Chair: Dominik May, University of Georgia Techn. Chair: Toka Hassan, The British University in Egypt Tarek M. Sobh President, Professor of Electrical and Computer Engineering, Lawrence Technological University, Southfield, MI, USA Distinguished Professor and Dean of Engineering Emeritus, University of Bridgeport, Bridgeport, CT, USA Fellow, African Academy of Sciences Member, The Connecticut Academy of Science and Engineering Recent Directions and Advances in Robotics and Automation if you want to participate onsite, go to room H214		
4:00pm - 5:30pm	2A: Special Session: Smart Education for Sustainable Digital Era (SESDE) Part 1 Virtual location: Alexandria  Chair: Polina Buyvol, Kazan Federal University Techn. Chair: Dina Ahmed Zekry, The British University In Egypt if you want to participate onsite, go to room Ibrahim Badran Hotel Process Simulator as a Tool for Increasing the Level of Managerial Skills – an Educational Application Petra Poulova¹, Martin Kocourek¹, Filip Maly¹, Tomas Kozel¹, Pavel Kriz¹, Blanka Klimova¹, Jan Han², Zdenek Ulrych³ 1: University of Hradec Králové, Czech Republic; 2: Institute of Hospitality Management in Prague, Czech Republic; 3: University of West Bohemia Czech Republic How Oversea University Students Use Mobile Devices to Support Their Foreign Language Learning and Their Learning Motivation Binbin Zhu¹, Ying Sun² 1: Technical University of Berlin, Germany; 2: University of Jena, Germany Billing and Booking System for Distributed IoT Laboratories Davide Reverberi¹, Valentin Kammerlohr^{2,3}, Giovanni	2B Virtual location: Cairo  Chair: Christian Madritsch, Carinthia University of Applied Sciences Techn. Chair: Omar Kamal, The British University in Egypt if you want to participate onsite, go to room H214 Connecting Spatially Separated Laboratory Environments by Combining Virtual and Augmented Reality Technology Nils Höhner¹, Anke Pfeiffer², Davide Reverberi³, Mark Oliver Mints¹, Julien Rodewald¹ 1: University of Koblenz-Landau, Germany; 2: University of Applied Sciences Stuttgart, Germany; 3: University of Parma, Parma, Italy A Low-Cost Spectrometry Remote Laboratory Alex Villazon, Omar Ormachea, Angel Zenteno, Adriana Orellana Universidad Privada Boliviana, Bolivia, Plurinational State of Latency Resistant Safety in Distributed Remote Laboratories Johannes Nau, Pierre Helbing, Karsten Henke, Detlef Streitferdt Technische Universität Ilmenau, Germany Monitoring System for Glider Flight Parameters	2C: IAOE Annual General Meeting Virtual location: IAOE  Chair: Dominik May, University of Georgia Chairs: Dominik May, IAOE President Michael E. Auer, IAOE Founding President & CEO

5:30pm
-
7:00pm

Esposito¹, Ankita Shankar Ghorpade², Giovanni Romagnoli¹, Dieter Uckelmann²
1: University of Parma, Parma, Italy; 2: Hochschule für Technik Stuttgart, Stuttgart, Germany; 3: Auburn University, Auburn, USA

Automatic Curriculum Scheduling in The Context of Learning Analytics Systems

Jamila Mustafina¹, Lenar Galiullin¹, Aigul Khanova¹, Evgeniya Maklakova¹, Ahmed J. Aljaaf²
1: Kazan Federal University, Russian Federation; 2: Liverpool John Moores University

Impact Analysis Of Changing Education Forms On The Future Engineers' Motivation In Connection With COVID-19

Irina Makarova, Larisa Fatikhova, Polina Buyvol, Gleb Parsin
Kazan Federal University, Russian Federation

Integration Of Business And Education In The Training Of Engineers For Industry 4.0

Irina Makarova, Polina Buyvol, Eduard Mukhametdinov, Vadim Mavrin
Kazan Federal University, Russian Federation

3A: Special Session: Smart Education for Sustainable Digital Era (SESDE) Part 2/Short papers

Virtual location: [Alexandria](#)
Chair: **Irina Makarova**, Kazan Federal University
Techn. Chair: **Dina Ahmed Zekry**, The British University In Egypt
if you want to participate onsite, go to room H213

Language in Artificial Neural Network Training

Jamila Mustafina¹, Leyсан Musina¹, Askar Khayrullin¹, Tara McKeown², Dmitry Jdanov¹
1: Kazan Federal University, Russian Federation; 2: Liverpool John Moores University

Some Techniques for Smart Engineering Education

Kapil Gupta
University of Johannesburg, South Africa

Virtual Reality Laboratory As A Factor In Increasing Engineering Students' Motivation

Irina Makarova, Gleb Parsin, Aleksey Boyko, Polina Buyvol
Kazan Federal University, Russian Federation

Rural, Remote and Real: Democratizing the Access to Science in Rural Schools using Remote Experiments

Javier Garcia-Zubia, Unai Hernandez-Jayo, Veronica Canivell, Diego Casado, Mari Luz Guenaga, Ignacio Angulo, Cristina Gimenez
University of Deusto, Spain

A Privacy Preserving Mixed Reality Approach for Industrial Remote Maintenance Applications

Jan Luca Siewert, Mario Wolf, Detlef Gerhard
Digital Engineering Chair, Ruhr-University Bochum, Germany

6:30pm
-
9:00pm

GD: Gala dinner
Location: [Citron Restaurant](#)
Chair: **Samir Abou El-Seoud**, The British University in Egypt (BUE)

The Gala Dinner will be at 7:00pm 1st of March.

Location: Citron Restaurant - Renaissance Hotel, Mirage City - 1st settlement.

Bus will be available infront of Gate 2, waiting area infront of building G & H.

Phone: 02 2406 3333

<https://goo.gl/maps/fsSKd2hGEwUk9NVV7>

Renaissance Cairo Mirage City Hotel · Abbas Al Akad Corridor, Second New Cairo, Cairo Governorate 11757, Egypt

★★★★ · Hotel

goo.gl

Sebastian Pop¹, Marius Cristian Luculescu¹, Luciana Cristea¹, Florentina Custura², Attila Laszlo Boer¹, Constantin Sorin Zamfira¹

1: Transilvania University of Brasov Romania, Romania; 2: Romanian Aeroclub

An Experience of Using a Handwriting Haptic Device to Fine-Tune the Children Motor Skills

Samir Abou El-Seoud¹, Jihad M. AlJa'am², Somaya Al-Maadeed², Jezia Zakraoui², Moutaz Saleh²
1: The British University in Egypt (BUE), Egypt; 2: Qatar University

Work in Progress: Hardware Design of a Smart Wristband Used for Epileptic Seizure Detection

Hasan Smajic, Toni Duspura
TH Köln, Germany

3B

Virtual location: [Cairo](#)

Chair: **Horia Alexandru Modran**, Transilvania University of Brasov, Romania

Techn. Chair: **Omar Kamal**, The British University in Egypt

if you want to participate onsite, go to room H214

Integrating Virtual and Augmented Reality Applications into a Connected Laboratory Environment

Nils Höhner, Mark Oliver Mints, Julien Rodewald
University of Koblenz-Landau, Germany

Production Cell Structure Constructor for Remote Laboratory Experiments

Karsten Henke², Mykhailo Alekseevich Poliakov¹, Heinz-Dietrich Wuttke², Johannes Nau², Oleksii Poliakov³
1: Zaporizhzhia Polytechnic National University, Ukraine; 2: TU Ilmenau, Germany; 3: NTU "Igor Sikorsky Kyiv Polytechnical Institute", Ukraine

The Effectiveness of Tourism in KSA1 using Mobile App during COVID-19 Pandemic

Samir Abou El-Seoud¹, Hosam F. El-Sofany²
1: The British University in Egypt (BUE), Egypt; 2: King Khalid University, Abha, Kingdom of Saudi Arabia

Augmented Reality as a Support to Solve Pallet Loading Problem

Vule Reljić, Slobodan Dudić, Želimir Trišić, Branko Jekić, Vladimir Jurošević, Ivana Milenković
University of Novi Sad, Faculty of Technical Sciences, Serbia

A quantitative research about MOOCs and EdTech Tools for Distance Learning

Serafeim A. Triantafyllou
Secondary Education of Greek Ministry of Education and Religious Affairs, Greece

3C

Location: **H215**

Chair: **Laila Hatem Hammam**, The British University in Egypt

Techn. Chair: **Eslam Hesham**, The British University in Egypt

User Stance Detection and Prediction Considering Most Frequent Interactions

Doaa Saad Elzanfaly^{1,2}, Zeyad Yasser Radwan¹, Nermin Abdelhakim Othman^{1,2}

1: Faculty of Informatics and Computer Science, British University in Egypt, Cairo, Egypt; 2: Department of Information Systems, Faculty of Computers and Artificial Intelligence, Helwan University, Cairo, Egypt

Interactive Online Aerodynamics Experiment: Lift and Drag on an aerofoil Wing

Ahmed Aboelezz¹, Peter Makeen^{1,2}, Hani Ghali^{1,2}

1: Centre for Emerging Learning Technologies (CELT), The British University in Egypt (BUE), Cairo, Egypt.; 2: Electrical Engineering Department, Faculty of Engineering, The British University in Egypt (BUE), Cairo, Egypt.

Students' Perceptions of English Language Learning in Virtual Discussion Boards

Wesam Morsi¹, Samir Abou El-Seoud²

1: The British University in Egypt (BUE), Egypt; 2: The British University in Egypt (BUE)

Promotion of remote experimentation in three Latin American countries

Carlos Arguedas-Matarrita¹, Eric Montero-Miranda¹, Fiorella Lizano-Sánchez¹, Gabriela Varela², Jorge Esteban Maeyoshimoto³, Ignacio Idoyaga³, Medina Gabriel³

1: Universidad Estatal a Distancia, Costa Rica; 2: Consejo de Formación en Educación-(CFE)-ANEP; 3: Universidad de Buenos Aires

Assessment of Psychosocial Impact on Education Due to the Pandemic in Colombia with Machine Learning

Hernando Vélez Sanchez
universidad distrital francisco jose de caldas, Colombia

Date: Wednesday, 02/Mar/2022

9:00am
-
10:30am

4A
Virtual location: [Alexandria](#)
Chair: **Jezia Zakraoui**, Qatar University
Techn. Chair: **Omar Kamal**, The British University in Egypt
If you want to participate onsite, go to room H213

Temporal Data Processing with ASAMPL Programming Language in Mulsimedia Applications

Danyil Peschanskyi¹, Pavlo Budonnyi¹, Yevgeniya Sulema¹, Frederic Andres², Andreas Pester³
1: Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine; 2: National Institute of Informatics, Tokyo, Japan; 3: British University in Egypt, Cairo, Egypt

Food Carbon Footprint: Issues and Challenges"

Nourhan Magdy¹, Andreas Pester¹, Frederic Andres²
1: The British University in Egypt; 2: National Institute of Informatics: Tokyo, Japan

Inventory Control for Liquid Products by using Internet of Things

4B
Virtual location: [Aswan](#)
Chair: **Nils Höhner**, University of Koblenz-Landau
Techn. Chair: **Toka Hassan**, The British University in Egypt
if you want to participate onsite, go to room H215

Autonomous Drone Path Scheduling and Management Strategy with Multi-Agent Decision Support and Coordination

Laxshana Ganeshalingam, Ananda Maiti
University of Tasmania, Australia

Development Of a Simulator Tool For Teaching The Autonomous Vehicles Behavior

Ioana-Diana Buzdugan, Ioana-Alexandra Rosu, Csaba Antonya
Transilvania University of Brasov, Romania

A Low Cost Web-based System For Clinical Information Management In Infant Neurodevelopment Services of Santiago De Cuba Province

	Noha Mostafa^{1,2}, Sara Sherif¹, Alaa Adel¹ 1: The British University in Egypt, Egypt; 2: Zagazig University, Egypt	Sergio Daniel Cano-Ortiz, Lienys Lombardia-Legra, Francisco Javier Deler-OFarril, Liette Veranes-Bicet Universidad de Oriente, Cuba
	Hypercam V1: Hyperspectral Camera Based on a Low-cost Hardware and Software Architecture for Food Analysis Through Image Processing Unai Hernandez-Jayo¹, Jose Manuel Amigo-Rubio², Haizea Martin-Corral¹, Javier Garcia-Zubia¹ 1: Facultad De Ingenieria - DeustoTech, Universidad De Deusto, Bilbao Spain; 2: Department of Analytical Chemistry, University of Basque Country	Online Sucker-rod Pumping with Photovoltaic Driven System Sizing Tool for Oil and Gas Industrial Sector Sameh O. Abdellatif, Mohamed Elyamany, Hani Ghali The British university in Egypt, Egypt
	Investigating the Impact of Variable Effects in Virtual Training on the Behaviour of a Physical Autonomous Robot Julian Rolf, Mario Wolf, Detlef Gerhard Digital Engineering Chair, Ruhr-University Bochum, Germany	Remote Laboratory to Develop Hardware for IoT Applications Narasimhamurthy K C, Suchitra V, Sushma T P, Kavan S, Deepashree R, Harshitha K S Siddaganga Institute of Technology, India
		3D Printing – An Important Industry 4.0 Tool for Online and Onsite Learning Kapil Gupta², Andre Espach¹ 1: Mechanical Engineering Science, University of Johannesburg, Johannesburg, South Africa; 2: Mechanical and Industrial Engineering Technology, University of Johannesburg, Johannesburg, South Africa
9:00am - 5:00pm	HD 2: Helpdesk 2 Virtual location: Fayyoun Chair: Habiba Khaled Elsabagh, The british university in Egypt Techn. Chair: Ismail Ahmed Abdelrahman Gomaa, British university in egypt	
10:30am - 11:15am	P4: Plenary session 4 Location: H215 Chair: Doru Ursutiu, TRANSILVANIA University of Brasov - AOSR Romania Techn. Chair: Toka Hassan, The British University in Egypt Christian Gütl Graz University of Technology, Graz, Austria Towards Smart Assessment, Feedback and Guidance in Engineering Education	
11:15am - 11:30am	CB 2: Cyber Break/Coffee break	
11:30am - 12:00pm	IS: Invited session Phoenix Contact Location: H215 Chair: Walid Hussein, The British University in Egypt Techn. Chair: Dina Ahmed Zekry, The British University In Egypt PLCnext Technology – The Ecosystem for Limitless Automation Ahmed Elshibini Phoenix Contact	
12:00pm - 1:30pm	5A Virtual location: Alexandria Chair: Wesam Morsi, The British University in Egypt Techn. Chair: Dina Ahmed Zekry, The British University In Egypt if you want to participate onsite, go to room H213 Mixed reality and Gamification in the learning distance education, The Virtual Enterprise Planning Simulator to learn ERP strategies. Carlos Alberto Gonzalez Almaquer, Angeles Aguirre Acosta, Alejandro Acuña López, Claudia Zubieta Ramirez, Verónica Saavedra Gastelum, Pedro Perez Murueta, Luis Javier Morales Rivas Tecnologico de Monterrey, Mexico	5B Virtual location: Aswan Chair: Kapil Gupta, University of Johannesburg Techn. Chair: Eslam Hesham, The British University in Egypt if you want to participate onsite, go to room H215 Remote Learning: Implementing IIoT and Industry 4.0 Technologies Using PLCs Dan Centea, Zhen Gao, Ishwar Singh McMaster University, Canada
	Teaching Control System using Online Mixed-Reality Experiment during and after COVID-19 Era Peter Makeen^{1,2}, Ahmed Aboeizez², Hani Ghali^{1,2} 1: Electrical Engineering Department, Faculty of Engineering, The British University in Egypt (BUE), Cairo, Egypt.; 2: Centre for Emerging Learning Technologies (CELT), The British University in Egypt (BUE), Cairo, Egypt.	Utilization of a DigitalTwin for an Electric Vehicles Smart Charging Station for Future Use with Engineering Students Galyna Tabunshchyk¹, Peter Arras², Sergey Korotunov¹ 1: National University Zaporizhzhia Polytechnic, Ukraine; 2: KU Leuven
	Development Of A Remote Experiment For Practical Work In Physics At The University: The Case Of Free Fall Zineb Laouina, lynda Ouchaouka, mohamed Moussetad, mohammed Radid Hassan II University of Casablanca Morocco, Morocco	Embedded Systems Engineering Education using Cost Effective Pocket Labs Platform Christian Madritsch Carinthia University of Applied Sciences, Austria
	Distributed IoT System for Indoor Air Quality Monitoring Marius Cristian Luculescu, Luciana Cristea, Constantin Sorin Zamfira, Attila Laszlo Boer, Sebastian Pop Transilvania University of Brasov, Romania	Impact of Industry 4.0 as Perceived by the South African Railway Industry Kagiso Letlala, Bheki Makhanya, Jan-Harm Pretorius, Hannelie Nel UNIVERSITY OF JOHANNESBURG, South Africa
1:30pm - 2:00pm	Remote Microelectronics Experimentation based on VISIR Remote Laboratory: Expanding VISIR Functionalities Ricardo Martin Fernandez³, Félix Garcia-Loro¹, Blanca Quintana¹, Elio San Cristobal¹, Rosario Gil¹, Clara Pérez¹, Slava Malenkova², Slavka Tzanova², Manuel Castro¹ 1: UNED; 2: Technical University of Sofia; 3: Facultad Regional San Nicolás UTN Argentina	Using Mobile-Learning at Transilvania University in the Pandemic and Post-pandemic Times Fulvia Anca Constantin Transilvania University of Brasov, Romania
2:00pm - 2:45pm	P5: Plenary session 5 Location: H215 Chair: Abeer Hamdy, British university in egypt Techn. Chair: Omar Kamal, The British University in Egypt Naoko Fukami Japan Society for the Promotion of Science Promotion Society (JSPS) Cairo, Egypt Co-presenter: Satoru Nakamura (The University of Tokyo, Japan), Susumu Sato (Institute for Languages and Cultures of Asia and Africa, Tokyo University of Foreign Studies, Japan), Wakako Kumakura (Institute for Languages and Cultures of Asia and Africa, Tokyo University of Foreign Studies, Japan) Securing, Extracting, and Applying Data: The Database of Historical Monuments in Islamic Cairo Experiment	
2:45pm - 4:15pm	6A: GOLC AWARD Session Virtual location: Alexandria Chair: Abul Azad, Northern Illinois University, US Techn. Chair: Toka Hassan, The British University in Egypt if you want to participate onsite, go to room H213 Mobile Remote Shake Table Laboratory Zhaoshuo Jiang San Francisco State University, United States of America Smart Factory Remote Lab Mario Wolf, Pascalis Trentsios, Jan Luca Siewert, Lasse Christian Bömkjes, Detlef	6B Virtual location: Aswan Chair: Bheki Makhanya, UNIVERSITY OF JOHANNESBURG Techn. Chair: Eslam Hesham, The British University in Egypt if you want to attend the session onsite, go to room H215 Work in Progress: Design and Development of an advanced technological platform for the Diagnosis and Simulation of Electric Power Consumption Mario Marcelo Figueroa de la Cruz¹, Vicente Chibilisco², Mauricio Monteros³ 1: UTN FRT, Argentine Republic; 2: UTN FRT, Argentine Republic; 3: UTN FRT, Argentine Republic

Gerhard
Ruhr-University Bochum, Germany

Online laboratories of the Universidad Estatal a Distancia
Carlos Arguedas-Matarrita, Eric Montero-Miranda
Universidad Estatal a Distancia, Costa Rica

A Novel Approach For Financial Markets Forecasting Using Deep Learning
With Long Short Term Networks

Somashekar Manjunath, Prathap H M
M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES, India

Analysis Of The Open Educational Resources From The Student Perspective

Héctor Fernando Gómez A.¹, María José Mayorga A.², Juan Manuel García S.³, Silvia Elena Malo M.⁴

1: Universidad Técnica de Ambato, Facultad de Ciencias Humanas y de la Educación, Ambato - Ecuador; 2: Universidad Técnica de Ambato, Facultad de Ciencias Humanas y de la Educación, Ambato - Ecuador; 3: Universidad de Especialidades Espíritu Santo, Facultad de Emprendimiento Negocios y Economía, Guayaquil - Ecuador; 4: Universidad Técnica Particular de Loja, Departamento de filosofía, artes y humanidades, Loja - Ecuador

What Are App Store Reviews On Mobile Apps In Retail About? Insights From The German Market

Atilla Wohlebe, Thomas Stoyke
MATE Hungarian University of Agriculture and Life Sciences - Kaposvár Campus, Kaposvár, Hungary

Pre Covid, Covid and Post Covid Classes and Online Engineering

Anushalalitha Thiyagarajan
BMS college of Engineering, India

4:15pm

CB 3: Cyber Break/Coffee break

4:30pm

4:30pm

5:30pm

Close: Closing Ceremony of the 19th International Conference of Remote Engineering and Virtual Instrumentation

Location: H215

Chair: Omar H. Karam, British University in Egypt

Techn. Chair: Omar Kamal, The British University in Egypt

1. Presentation of the 20th edition of REV, Prof. Tsiatsos, Aristotle University Thessaloniki, Greece
2. Best Paper Awards, Prof. Valery Varney, TH Cologne, Chair of the Award Committee
3. GOLC Online Lab and iJOE Outstanding Paper Awards, Prof. Abul Azad, GOLC President
4. Final words and Farewell, Prof. Michael Auer and Prof. Samir El-Seoud, Conference Chairs



