

**10th**  
**WORLD CONFERENCE ON**  
**EDUCATIONAL TECHNOLOGY**  
**RESEARCHES**  
**(WCETR-2020)**

**20 - 22 March**  
**2020**



**WCETR**  
**2020**

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**10th WORLD CONFERENCE ON EDUCATIONAL  
TECHNOLOGY RESEARCHES (WCETR-2020)**

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(ONLINE CONFERENCE)

**DRAFT PROGRAM BOOK**

## Dear Participants

Thank you very much for you to participate the **10th WORLD CONFERENCE ON EDUCATIONAL TECHNOLOGY RESEARCHES (WCETR-2020)** which **will be held online** at **20 – 22 March 2020**.

### The conference will be held online

As you know, Coronavirus disease (COVID-19) has influenced the world. It is prohibited in closed areas to hold meetings in Turkey.

Therefore, it was decided by the conference organizing committee to hold the conference on 20-22 March 2020 online, considering your health.

Participation in the conference will be in the form of online. Within the scope of the program, the opening ceremony, keynote speeches, the speeches of the participants will be held online and interactively by everyone in the form of video, audio or text chat. Likewise, participation and presentation certificates will be sent to you. In addition, abstract books and full papers will be published.

The **WCETR-2020 Draft Program** is published in our conference web site:

[http://www.globalcenter.info/wcetr/?page\\_id=47](http://www.globalcenter.info/wcetr/?page_id=47)

If your presentation is not available in the draft program, or you may withdraw your paper, please send the name of your article and its authors' names and ID number to [wcetr.info@gmail.com](mailto:wcetr.info@gmail.com) until **18 March 2020, at 24:00 GMT+2**. Your paper will take or out place in the program in a short time.

Even if you have not submitted your full paper until now, you have still chance to take place in the conference program. Please send us an email stating your paper title for the conference program and also if it is ready attach last version of the abstracts until 18 March 2020.

### Full Paper Publication

- You may publish your article on a journal indexed by **ERIC**, **Scopus** or **Web of Science (ESCI)** following a review process and by paying an additional registration fee. [For more information...](#)
- Selected papers will be published in Supporting or other Journals: Clarivate Analytics Web of Science (SSCI, SCI-Expanded, ESCI) or SCOPUS.
- The Remain accepted full papers will be published as proceedings ***New Trends and Issues Proceedings on Humanities and Social Sciences*** (indexed in **Web of Science**, [www.prosoc.eu](http://www.prosoc.eu)) and also submitted to **ERIC**, **SCOPUS** and **Clarivate Analytics Conference Proceedings Citation Index – CPCI (ISI Web of Science)** for evaluation for inclusion in the list. [For more information please click here...](#)

### Full Paper Submission

The full paper deadline will be extended **March 28, 2020** and the Camera-ready submission for publication at **April 20, 2020**. This mean you should participate the conference and present your full paper at the conference (oral or virtual) and after the criticism during the conference you will have chance to make your last changes in the last version of your full paper and submit again until March 28, 2020.

### Poster or Virtual Presentation

If you want to make POSTER or VIRTUAL PRESENTATION, please send us an email [wcetr.info@gmail.com](mailto:wcetr.info@gmail.com) about your presentation type until 18 March 2020. Thus, we can organize the presentations. The posters will be displayed on the conference web site. The participants may be write their criticism about the poster.

There will be an online (Virtual) presentation rehearsal taking place **on 18 March 2020 at 14:00 (GMT+2, Athens) -16:00 (GMT+2, Athens)**

You will be present your papers at your own home via **Microsoft Teams**. We will send an invitation to your email address. Thus, you will have started your presentation beforehand. During your presentation, you will have the chance to show your PowerPoint slats. Also, those who follow you will be able to ask you questions.

**Best Abstract and Poster Award and Poster Size:**

The poster size is A0, equals 118 cm height x 84 cm length, or smaller. Please choose upright format and keep in mind that the font sizes should be big enough to allow your poster to be read from some distance. We suggest using a font size of 22 – 24 pt for texts and 60 – 70 pt for headings. The conference will offer the Poster Award to the three best posters. Please read the guidelines below carefully. You may change to modify you abstract until **March 18, 2020**. Then send it to us [wcetr.info@gmail.com](mailto:wcetr.info@gmail.com)..

**Registration**

Please visit these addresses to apply for;

- Conference registration [http://www.globalcenter.info/wcetr/?page\\_id=37](http://www.globalcenter.info/wcetr/?page_id=37)
- If you have difficulty paying, please write to us. Papers without payment will be removed from the program.

If you have any questions, please contact me. Thank you for considering this conference as a venue for your work.

All the conference members are working hard for your excellence and for the conference.,

With Respect,

**Assoc. Prof. Dr. Zehra Ozcinar**  
Chair of the Conference

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# Keynote Speakers



**Prof. Dr. Servet Bayram**

Director, Institute of Educational Sciences  
Chairman, Department of Computer Education & Instructional Technologies  
Coordinator, Program of Information Technologies & Social Media Education  
Yeditepe University – İstanbul

**Keynote Title: “Current Educational Research Paradigms in the Age of Anthropocene: Innovative Digitalization Tools in Instruction and Learning “**

**Keynote Key Terms:**

Metamorphosis, Transformation and Sustainability  
Social, Industrial, Technical and Digital Revolutions in the Anthropocene Era  
Educational Policy and Educational Paradigm Shifts  
Computational Social Science and Neuroscience  
Educational Research Examples and Future

**Bio:** Prof. Dr. Servet Bayram graduated with a bachelor’s degree from Department of Psychology at the Istanbul University in 1985. After receiving the Certificate of Teaching and the title of Psychologist, he worked as a Consultant/Educational Psychologist at the Bogazici University in Istanbul between 1988-1992. When he completed his master’s degree in Guidance & Counseling at the Bogazici University, he went to the United States for doctoral studies. He completed his doctoral studies in “Learning and Teaching Technologies” and received a Doctorate degree from the University of Pittsburgh, Pennsylvania in 1995. As a Post-Doctoral Fellow, he studied on the Electronic Performance Support and Information Systems at the Indiana University, Bloomington in 1996.

Between 1997-1998, he served as a Second Lieutenant & Psychologist at the Air Force Academy in Istanbul. Then as an Assistant Professor, he started to manage curriculum of the Department, Computer Education and Instructional Technology, at the Marmara University. In 2000, he was promoted to Associate Professorship. Then he became a full professor in 2006. Between 2000 and 2015, he had conducted his studies as a Chairman of the Department at the Marmara University, Istanbul.

In 2015, He was transferred to the Yeditepe University in Istanbul. Then he was promoted to Vice Rectorate of the University. As a Vice Rector he completed the “Curriculum Optimization Studies” of the University between 2015 and 2016. Now, he is the Director of Institute of Educational Sciences at the Yeditepe University. Also, he is Chairman of the Department, Computer Education & Instructional Technologies and Coordinator of the Program, Information Technologies & Social Media Education at the Yeditepe University.

His present professional research interest focuses on Psychology of Learning, Neuroscience, Psychological Testing, Human-Computer Interaction, Graphical User Interface Design, Educational Software, School Achievement, Motivation and Innovative Computer Tools.





**Prof. Dr. Huseyin Uzunboylu**

Higher Education Planning, Supervision, Accreditation and Coordination Board, North Cyprus

**Keynote Title:** “The Role of Scientific Research for Sustainable Development: Perspectives of Education, Technology and Language”

**Bio:** Huseyin Uzunboylu graduated from Anadolu University, completing a degree in BSc Educational Communicating and Planning in 1991. He graduated from Ankara University; completed a degree in MA Curriculum and Instruction in 1995 and completed PhD in area of Educational Technology in 2002. He became Assistant Professor in 2013, Associate Professor in 2015 and Professor of Educational Technology in 2010 at Cyprus Near East University.



**Ali Rahimi, Ph.D.**

Professor in Applied Linguistics  
School of Social Sciences and Languages, VIT University, India

**Keynote Title:** “Teaching Languages with Technology: Sine qua non of Pedagogy”

**Abstract:** Language is a tool for communication, a plethora of teaching methodologies has been suggested to foster students’ academic competencies. Using technology has been introduced to help teachers and students enhance their educational practices. In the new global network, it is an inescapable fact that a massive development has been witnessed in IT with regard to education and its mission in and out of classrooms (Vrasidas, 2019). This discussion centers on the effect of using technology generally and digital literacy, blended education and CMC on developing EFL learners’ academic achievement. Various methods have been employed by teachers to improve students’ performance such as Communicative Language Teaching, Co-operative Learning, Task-based Teaching and so forth. Hence, it is incumbent upon educational practitioners to understand the prevalent attitudes and perceptions of the teaching staff and students towards the presence and functionality of the application of technology to guarantee better knowledge and skill acquisition and to create successful communication via English as a foreign language. Psychologically speaking, Constructivist Learning emphasizes the significance of learners in taking active roles when facing new information to construct their knowledge by linking prior knowledge and experiences (Nidzam, 2015). Similarly, Vygotsky (1978) stressed the importance of powerful experiences with people like classmates and teachers. The role of a teacher in a constructivist environment is one of a guide and facilitator who provides students with opportunities to construct knowledge in individual contexts and through social negotiation, collaboration, and experience. Experimental results indicate that technology increases students’ learning achievement through digital literacy; students benefit from peer feedback and they themselves have to provide feedback to their peers, they learn to critically analyze and revise their own writing (Mendoca & Johnson, 2004). Furthermore, the use of technology will help students learn the target language naturally and spontaneously. To fully realize the potential of technology, there should be congruence between pedagogical methodologies and technological opportunities.

Some researchers have also found that CALL is useful for alleviating students' emotional barriers like anxiety, demotivation, etc. For instance, Reinders & Wattana (2014) investigated the use of Ragnarok Online in an English course and found that students' anxiety was greatly reduced when they used online games to communicate in English. Moreover, technology can boost students' autonomy, self-regulation, self-assessment, self-leadership and other soft skills. (Rahimi & Askari (2013); Rahimi & Fahimi (2017); Rahimi & Mouri (2016); Rahimi & Farivar (2015). We are currently consumed by the panic of the coronavirus and the universities are planning to close down and move all classes online, it has affected us all. In a nutshell, digital literacy, CMC, CMD, blended education, online courses, videoconferencing, flipped learning and technology as a whole are the cornerstone of pedagogy in the world currently afflicted by pandemics like COVID-19 and other natural disasters as well as man-made destructive behavior.

Key words: Blended education, CALL, CMC, Digital literacy, EFL, Technology

# DRAFT PROGRAM

## IMPORTANT EVENTS

20 March 2020	
08:30 – 18:00	Registration

20.03.2020 10:00 – 10:30	Opening Ceremony
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TIME	TITLE	SPEAKER	HALL NAME
20.03.2020 10:30 – 11:20 <b>Keynote 1</b>	“Current Educational Research Paradigms in the Age of Anthropocene: Innovative Digitalization Tools in Instruction and Learning “	<b>Prof. Dr. Servet Bayram</b> Director, Institute of Educational Sciences Chairman, Department of Computer Education & Instructional Technologies Coordinator, Program of Information Technologies & Social Media Education Yeditepe University – İstanbul	1

11:20 – 11:40	Coffee Break
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TIME	TITLE	SPEAKER	HALL NAME
20.03.2020 11:40 – 12:40 <b>Keynote 2</b>	“The Role of Scientific Research for Sustainable Development: Perspectives of Education, Technology and Language”	<b>Prof. Dr. Hüseyin Uzunboylu</b> Higher Education Planning, Supervision, Accreditation and Coordination Board, TRNC	1

12:40 – 14:00	Lunch
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TIME	TITLE	SPEAKER	HALL NAME
21.03.2020 09:00 – 10:30 <b>Keynote 3</b>	“Teaching Languages with Technology: Sine qua non of Pedagogy”	<b>Ali Rahimi, Ph.D.</b> Professor in Applied Linguistics School of Social Sciences and Languages, VIT University, India	1

10:30 – 11:00	Coffee Break
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13:00 – 14:00	Lunch
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21.03.2020 18:00 – 18:15	Closing Ceremony
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20/03/2020, Friday

## IMPORTANT EVENTS

20 March 2020	
08:30 – 18:00	Registration

Opening Ceremony	
06.02.2020 10:00 – 10:30	

TIME	TITLE	SPEAKER	HALL NAME
20.03.2020 10:30 – 11:20 <b>Keynote 1</b>	“Current Educational Research Paradigms in the Age of Anthropocene: Innovative Digitalization Tools in Instruction and Learning “	<b>Prof. Dr. Servet Bayram</b> Director, Institute of Educational Sciences Chairman, Department of Computer Education & Instructional Technologies Coordinator, Program of Information Technologies & Social Media Education Yeditepe University – İstanbul	<b>1</b>

11:20 – 11:40	Coffee Break
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TIME	TITLE	SPEAKER	HALL NAME
20.03.2020 11:40 – 12:40 <b>Keynote 2</b>	“The Role of Scientific Research for Sustainable Development: Perspectives of Education, Technology and Language”””	<b>Prof. Dr. Hüseyin Uzunboylu</b> Higher Education Planning, Supervision, Accreditation and Coordination Board, TRNC	<b>1</b>

12:20 – 14:00	Lunch
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## Session 1 14:00 – 16:00

### Hall 1

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Determining Abbreviations in Kariyer.net Domain	Işıl Tuncer, Kemal Can Kara, Aşkın Karakaş, <i>Kariyer.net</i> , Turkey
2	Efficiency and Economic Analysis of an Organic Rankine Cycle with Using a Deep Neural Network	Mert Sinan Turgut, <i>Ege University</i> , Turkey Oguz Emrah Turgut, <i>Izmir Bakırçay University</i> , Turkey
3	A Comparative Study of Different Classification Algorithms on Rna-Seq Cancer Data	Nihat Yılmaz Şimşek, Bülent Haznedar, Cihan Kuzudişli, <i>Hasan Kalyoncu University</i> , Turkey
4	Fake News Detection with Deep Learning Methods	Hatice Kubra Kilinc, Bülent Haznedar, Rabia Bayraktar, <i>Hasan Kalyoncu University</i> , Turkey
5	Training of ANFIS with Cuckoo Search Algorithm on Flexural Buckling Load Prediction of Aluminum Alloy Columns	Melih Yayla, Rabia Bayraktar, Mustafa Diyar Demirkol, Bülent Haznedar, <i>Hasan Kalyoncu University</i> , Turkey
6	Analyzing Engineering Student Graduation based on Demographic and Academic Data	Farshid Marbouti, <i>San Jose State University</i> , United States

16:00 – 16:20	Coffee Break
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**Session 2**  
**16:20 – 18:00**

**Hall 1**

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	User behavior analysis and churn prediction in ISP	Ahmet Anıl Türkmen, <i>Aalborg University</i> , Turkey Cenk Anıl Bahçevan, <i>Turknet İletişim Hizmetleri A.Ş.</i> , Turkey
2	Radiomic Feature Analysis of 3D Brain Tumors Differentiation Between Glioma Grades	Gökalp Çınarer, <i>Bozok University</i> , Turkey Bülent Gürsel Emiroğlu, <i>Kırıkkale University</i> , Turkey
3	Classification of 3D Brain Tumors Glioma Grades Using Radiomic Features on Magnetic Resonance Images	Gökalp Çınarer, <i>Bozok University</i> , Turkey Bülent Gürsel Emiroğlu, <i>Kırıkkale University</i> , Turkey
4	Performance analysis and GPU parallelization of ECO object tracking algorithm	Uğur Taygan, <i>ASELSAN A.Ş.</i> , Turkey Adnan Özsoy, <i>Hacettepe University</i> , Turkey
5	Entegration And Mobility In Higher Education	Seadet Humbataliyeva, <i>Sumqayit State University</i> , Azerbaijan
6	Effectiveness of Social Investment Participation in Education	Aynure Yahyayeva, <i>Sumqayit State University</i> , Azerbaijan

21/03/2020, Saturday

TIME	TITLE	SPEAKER	HALL NAME
21.03.2020 09:00 – 10:30 <b>Keynote 3</b>	"Teaching Languages with Technology: Sine qua non of Pedagogy"	<b>Ali Rahimi, Ph.D.</b> Professor in Applied Linguistics School of Social Sciences and Languages, VIT University, India	<b>1</b>

10:30 – 11:00	Coffee Break
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**Session 3**  
**11:00 – 13:00**

**Hall 1**

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Determining The Relationship Between Girl Students Quality Of School Life In Islamshahr City And Teachers' Quality Of Work Life	Atefeh Ferdosipour, Haniyeh Mousavi, <i>Islamic Azad University, Iran</i>
2	Exploring the Presence of Prospective Teachers in the Virtual Reality Environment: An Explanatory Study	Murat Çoban, Alperen Kayserili, Yilmaz Keskin, Isa Bingol, Muhammed Guler, <i>Agri Ibrahim Cecen University, Turkey</i>
3	Investigation Of The Effectiveness Of Media Literacy Education On The Development Of Creative Thinking Of Students	Atefeh Ferdosipour, Nasim Torabi, <i>Islamic Azad University, Iran</i>
4	Specificities of Teaching Language, Letters and Arts Subjects in Distance Higher Education: A Study Based on Tpack	Monica Cristina Garbin, Édison Trombeta de Oliveira, Simone Telles, <i>Universidade Virtual do Estado de São Paulo, Brazil</i>
5	Optimization of Scheduled Tasks by Real Time Measurement and Correlation	Berkay Saydam, Cem Orhan, Niyazi Toker, Mansur Turasan, <i>Red Pine Software Mühendislik San. Tic. A.Ş., Turkey</i>
6	Implementing Online Questionnaires and Surveys by Using Mobile Applications	Ramiz Musallam Salama, Mohammad Abed El Muti, <i>Near East University, Cyprus</i>

13:00 – 14:00	Lunch
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**Session 4**  
**14:00 – 16:00**

**Hall 1**

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Color Recognition Using Color Histogram Feature Extraction and K-Nearest Neighbor Classifier	RABİA BAYRAKTAR, Batur Alp Akgul, Kadir Sercan Bayram, <i>Hasan Kalyoncu University, Turkey</i>
2	Predicting the Nutrition Quality of Food Products with Machine Learning	Fatma Altinsoy, <i>Süleyman Demirel University, Turkey</i>
3	A literature Review on Adaptive Learning Environment in Education: State of the Art and Perspectives	Hassan A. El-Sabagh, <i>Umm Al-Qura University, Saudi Arabia</i>
4	A Virtual Reality Based Psychosis Simulation for Education of Medical Students: An Ongoing Project	Majid Zare Bidaki, S. Benthohoda Mousavi, <i>Birjand University of Medical Sciences, Iran</i>
5	The Link of Design Education with the Technological World in Northern Cyprus	Alp Karaca, <i>The American University of Cyprus, Cyprus</i>
6	Distance Learning System-Learning Programming Languages by Using Mobile Applications	Ramiz Musallam Salama, Bashar Alkaddah, <i>Near East University, Cyprus</i>
7	Innovative Technologies and Living Spaces; Updated Living Standards	Alp Karaca, <i>The American University of Cyprus, Cyprus</i>

16:00 – 16:30	Coffee Break
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**Session 5**  
**16:30 – 18:00**

**Hall 1**

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	The Effects of Online Learning Methods And Design Principles In Virtual Environments	Hale H. Turhangil Erenler, <i>Baskent University, Turkey</i>
2	Innovative Development of Key Sectors of Economy Based on Creation of Technological Parks in Azerbaijan Republic	Nurkhodzha Akbulaev, Niyazi Hasanov, <i>Azerbaijan State University of Economics, Azerbaijan</i>
3	Making sure of Students Attendance and the system of Mark Management by Using Mobile Applications	Ramiz Musallam Salama, Muhammad Zahid, <i>Near East University, Cyprus</i>
4	Cultural and Social Factors Determining the Use Of Private Tutoring Services In Poland	Hubert Kotarski, <i>University of Rzeszow, Poland</i>
5	Family Mediation as A Form of Alternative Dispute Resolution In Poland	Dorota Rynkowska, <i>University of Rzeszow, Poland</i>
6	Designing, Producing, Application and Evaluation of Virtual Reality-Based Microbiology Laboratory For Training Purposes	Majid Zare Bidaki, <i>Birjand University of Medical Sciences, Iran</i>

21.03.2020 18:00 – 18:15	<b>Closing Ceremony</b>
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