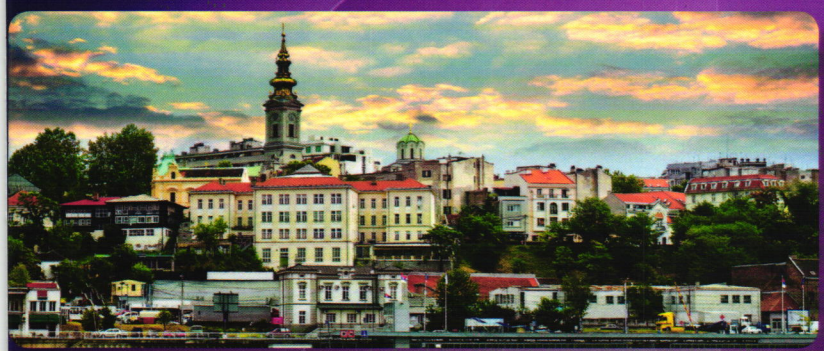
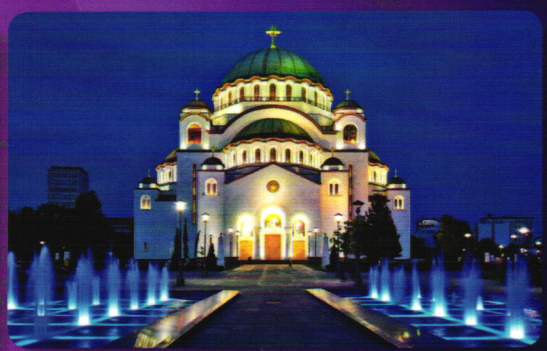
Globets

Globets 2018 Conference

An International Conference on Education, Technology and Science

6 - 9 May 2018, 88 Rooms Hotel, Belgrade - Serbia









6-9 May 2018, Belgrade - Serbia

Conference Programme & Abstract Book

bilkon

For more information please visit our website...

www.globets.org



Committees

President

M. Engin Deniz	Yıldız Technical University, Turkey

Programme Chair

Semra Mirici	Gazi University, Turkey

Organisation Committee

Abbas Turnuklu	Dokuz Eylül University, Turkey
Aleksandra Wach	Adam Mickiewicz University, Poland
Annemie Desoete	Ghent University, Belgium
Beril Akın	Gazi University, Turkey
Bradley T. Erford	Vanderbilt University, USA
Çiğdem Yavuz Güler	Üsküdar University, Turkey
Dusan Mitic	University of Belgrade, Serbia
Erdal Zorba	Gazi University, Turkey
Estella Matriano	Alliant International University, USA
Ismail Hakki Mirici	Near East University, Northern Cyprus
Iveta Kovalcikova	Presov University, Slovakia
Ilze Ivanova	University of Latvia, Latvia
İpek Pirpiroğlu Gencer	Gazi University, Turkey
Mehmet Dik	Rockford University, USA
Mehmet Metin Arslan	Kirikkale University, Turkey
Metin Deniz	Bartın University, Turkey
Mustafa Kurt	Near East University, Turkish Republic of Northern Cyprus
Rebecca Galeano	Florida State University, USA
Salih Çepni	Uludağ University, Turkey
Sinan Olkun	TED University, Turkey
Vincent Shieh	Kaohsiung University, Taiwan
Yavuz Erisen	Yildiz Technical University, Turkey

Conference Secretariat

Ceren Bektaş	Yildiz Technical University, Turkey
Gözde Şakar	Yildiz Technical University, Turkey

Committees

Scientific Committee

Abbas Turnuklu	Dokuz Eylül University, Turkey
Ahmet Naci Çoklar	Necmettin Erbakan University, Turkey
Alev Doğan	Gazi Univesity, Turkey
Ali Eryılmaz	Yildiz Technical University, Turkey
Ali Gül	Gazi University, Turkey
Aleksandra Wach	Adam Mickiewicz University, Poland
Annemie Desoete	Ghent University, Belgium
Asuman Seda Saracaloğlu	Adnan Menderes University, Turkey
Ayşegül Nasırcılar	Akdeniz University, Turkey
Bengü Aksu Ataç	Nevşhir Hacı Bektaş Veli University, Turkey
Beril Akın	Gazi University, Turkey
Bradley T. Erford	Vanderbilt University, USA
Coşkun Arslan	Necmettin Erbakan University, Turkey
Çiğdem Yavuz Güler	Üsküdar University, Turkey
Diğdem Müge Siyez	Dokuz Eylül University, Turkey
Dusan Mitic	University of Belgrade, Serbia
Ebru İkiz	Dokuz Eylül University, Turkey
Eleonora Salvadori	Pavia University, Italy
Emel Arslan	Necmettin Erbakan University, Turkey
Erdal Hamarta	Necmettin Erbakan University, Turkey
Erdal Zorba	Gazi University, Tukey
Estella Matriano	Alliant International University, USA
Guclu Sekecioglu	Akdeniz University, Turkey
Gürhan Can	Hasan Kalyoncu University
Hikmet Katircioglu	Gazi University
Ismail Hakki Mirici	Hacettepe University, Turkey
Iveta Kovalcikova	Presov University, Slovakia
Ilze Ivanova	University of Latvia, Latvia



Committees

M. Engin Deniz	Yildiz Technical University, Turkey
Maria Titz Pedrajas	Marikina University-Philppines
Mehmet Arslan	Girne American University, Cyprus
Mehmet Metin Aslan	Kirikkale University, Turkey
Mehmet Sahin	Necmettin Erbakan University, Turkey
Mehmet Dik	Rockford University, USA
Metin Deniz	Bartın University, Turkey
Mustafa Kurt	Near East University, Turkish Republic of Northern Cyprus
Mustafa Uslu	Selçuk University, Turkey
Noorjehan Ganitar	Karnatak University, India
Ömer Faruk Şimşek	Istanbul Arel University
Paul Prabhaker	Northern Illinois University, USA
Ramazan Arı	Selçuk University
Rana Varol	Ege University, Turkey
Rebecca Galeano	Florida State University, USA
Salih Çepni	Uludag University, Turkey
Samuel Bandy	Rockford University, USA
Selahattin Avsaroglu	Necmettin Erbakan University, Turkey
Semsettin Civelek	Fırat University, Turkey
Seydi Ahmet Satıcı	Artvin Çoruh University
Sinan Olkun	TED University, Turkey
Songül Tümkaya	Çukurova University, Turkey
Tahir Atıcı	Gazi University, Turkey
Tayfun Doğan	Üsküdar University, Turkey
Vincent Shieh	Kaohsiung University, Taiwan
Yaşar Özbay	Hasan Kalyoncu University, Turkey
Yavuz Erisen	Yildiz Technical University, Turkey
Yuksel Altun	Gazi University

Keynote Speakers & Workshop

KEY NOTE SPEAKERS

1. Prof. Dr. Annemie DESOETE
Ghent University

Keynote Title: Is your knowledge about learning difficulties, dyslexia and dyscalculia still futureproof?

2. Prof. Dr. Salih ÇEPNİ
Uludag University

Keynote Title: Where is STEM running to?

3. Assoc. Prof. Dr. Ali ERYILMAZ
Yildiz Technical University

Keynote Title: Adolescents' Subjective Well-Being

4. Assoc. Prof. Dr. Tuncay AYAS
Sakarya University

Keynote Title: Cyber Bullying: The Danger of Virtual World

WORKSHOP

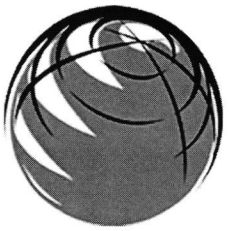
1. Çigdem Keven Akliman, M.A
Beypazari Counseling and Research Center

Title: Positive- Psychology and Psychotherapy Based Group Counseling Programme for Improving Positive Body Image in Adolescent

THE INVESTIGATION OF THE RELATIONSHIP BETWEEN PEACE ATTITUDES, LONELINESS AND HOPELESSNESS 36
Ali ERYILMAZ
THE INVESTIGATION OF THE RELATIONSHIP BETWEEN NARCISSISTIC PERSONALITY TRAIT, GENDER AND GENDER ROLES 36
Ali ERYILMAZ
SUBMISSIVE BEHAVIORS AND INTERPERSONAL SENSITIVITY 37
Gazanfer ANLI, Abdullah IŞIKLAR, Ali Haydar ŞAR
INVESTIGATION OF JOB SATISFACTION, COMPASSION AND EMOTIONAL RESPONSIVENESS IN HEALTH WORKERS 38
Suzan BİREL, Mehmet Engin DENİZ
THE RELATIONSHIPS AMONG NUMBER LINE ESTIMATIONS, MATHEMATICS ACHIEVEMENT AND PLACE VALUE CONCEPT 39
Mehmet Hayri SARI, Sinan OLKUN
PREDICTION OF PERCEIEVED PARENTAL ATTITUDES AND NEGATIVE AUTHOMATIC THOUGHTS TO ADOLESCENTS' SELF-ESTEEM 40
Bilge UZUN
THE USABILITY OF THE EDUCATIONAL COMPUTER GAME FOR NUTRITION EDUCATION 40
Sanja Jedrinović, Anja Luštek, Mateja Bevčič, Martina Erjavšek, Francka Lovšin Kozina,Stojan Kostanjevec
THE KNOWLEDGE LEVEL OF SCHOOL DIRECTOR ABOUT INTEGRATING STUDENTS DURING THE COURSE CONTROL 41
Fuat TANHAN, Yusuf İPEK
FLIPPED LEARNING AND TEACHING IN SLOVENIA: THEORY, PRACTICE AND RESEARCH 42
Romina Plesec GASPARIC
THE EFFECT OF TECHNOLOGY USING 6TH GRADE STUDENTS ON MATHEMATICAL LITERACY IN TEACHING MATHEMATICS 43
Melda KÖYSÜREN, Devrim ÜZEL
6TH GRADE STUDENTS' VIEWS ABOUT MATHEMATICAL TEACHING BASED ON TECHNOLOGY INTEGRATION 44
Ozan Deniz KIYICI, Filiz Tuba DİKKARTIN ÖVEZ
THE EVALUATION OF THE PROJECT PREPARATION METHODS AND TECHNIQUES IN-SERVICE TEACHER TRAINING PROGRAM ACCORDING TO THE FOUR-LEVEL EVALUATION MODEL 45
Ebubekir USANMAZ, Yavuz ERİŞEN
NEGATIVE RESULTS OF SMARTPHONE ADDICTION: PHUBBING 46
Tuncay AYAS, Metin DENİZ, Bilge SULAK AKYÜZ
EVALUATION OF THE ERASMUS+ KA103 MOBILITY PROGRAMME ACCORDING TO VIEWS OF STUDENTS AND COORDINATORS 46
Özlem ASLAN BAĞCI, Serdar ERDEM, Yavuz ERİŞEN
AN EXAMINATION OF THE LEVEL OF CYBER BULLYING AND LONELINESS OF HIGH SCHOOL STUDENTS IN TERMS OF SOME VARIABLES 47
Metin DENİZ, Tuncay AYAS, Mustafa KOÇ
THE PREDICTIVE ROLES OF SELF-ESTEEM IN DECISION MAKING AND TRAIT EMOTIONAL INTELLIGENCE ON JOB SATISFACTION AMONG TEACHERS 47
Yusuf AKYIL, Azmi ÇAĞLAR, Yakup İME
EXAMINATION OF PRE-SCHOOL TEACHERS' VIEWS ON ALTERNATIVE ASSESMENT 48
İsa KAYA
INVESTIGATION OF THE COPING STRATEGIES OF THE COUNSELOR CANDIDATES' WITH GRIEF 48
Firdevs SAVİ ÇAKAR, Fatma Ebru İKİZ, Gözde ŞENSOY

INVESTIGATION OF THE PREDICTIVE ROLE OF CHILDHOOD EXPERIENCES IN SELF-CONFIDENCE. 49
Gözde ŞENSOY, Fatma Ebru İKİZ,Zöhre KAYA, Esra ASICI
ASSESSMENT OF PRE-SERVICE BIOLOGY TEACHER'S PEDAGOGICAL CONTENT KNOWLEDGE REGARDING AIR POLLUTION 50
Beril Akın
RELATIONSHIP BETWEEN INITIATING ROMANTIC INTIMACY AND RELATIONAL ANXIETY IN EMERGING ADULTHOOD 50
Tülay İLHAN*, Sabiha EREN , Aysel ESEN ÇOBAN
OPEN-SOURCE USB ARDUINOS FOR INEXPENSIVE MEASUREMENTS IN CHEMISTRY LABORATORY ... 51
Yuksel ALTUN
THE EFFECT OF AUGMENTED REALITY APPLICATION ON THE LEVEL OF REACHING LEARNING OUTCOMES: AN INTERDISCIPLINARY APPLICATION SAMPLE 51
Filiz Tuba Dikkartın Övez*, Burcu Sezginsoy Şeker
AN EXAMINATION FOR ADOLESCENTS' DEPRESSION AND ANXIETY LEVELS IN VIEW OF ADOLESCENTS' IRRATIONAL BELIEFS WHICH ARE ABOUT THEIR BASIC PSYCHOLOGICAL NEEDS AND THEIR SOME DEMOGRAPHIC CHARACTERISTICS 52
Durmuş ÜMMET* , Ayşe GÜL
THE OPINIONS OF SOCIAL STUDIES TEACHERS ON THE USAGE OF EDUCATION INFORMATICS NETWORK 53
Filiz Tuba Dikkartın Övez, Burcu Sezginsoy Şeker*
ADAPTATION OF ADULT-ADOLESCENT PARENT INVENTORY: A VALIDITY AND RELIABILITY STUDY 54
Müge Yukay YÜKSEL*, Neslihan YAMAN
AYNI EĞİTİM BÖLGESİNDEKİ OKUL MÜDÜRLERİNİN KENDİ GÖREVLERİNE İLİŞKİN BAKIŞ AÇILARI VE ETKİLEŞİMİ 54
Ayşegül IRGİN IŞIK
USE OF SOCIO-SCIENTIFIC ARGUMENTATION APPROACH IN THE ENVIRONMENTAL EDUCATION .. 55
Tuğba DENİZ KARACAN, Nurcan UZEL*, Ali GÜL
THE AFFECT OF BODY POSTURE ON GENERAL LANGUAGE ANXIETY AND FOREIGN LANGUAGE ANXIETY 56
CHILD-FRIENDLY CITY, ÇİLİMLİ 57
Nuray ERAN TÜREDİ[1]*, Ayşegül ÖVDÜR[2]
SOCIAL APPEARANCE ANXIETY AND LONELINESS AS PREDICTORS OF MARITAL EXPECTATION57
Nermin Çiftci Arıdağ[1], Zeynep PEKİN[2]*, Ekin ÖZBEY[3]
EVALUATION OF THE PERCEPTION OF DEATH IN TURKISH SOCIETY BY POLITICAL LEADERS ON TWITTER 58
Fuat TANHAN*, Suat AYNAS
THE EFFECT OF ECOLOGICAL FOOT PRINT CONCEPT IN THE COGNITIVE STRUTURE OF ENVIRONMENTAL EDUCATION OF 9TH CLASS STUDENTS 59
Tuğba YURT, Nurcan UZEL, Ali GÜL*
VIEWS OF PHD STUDENTS TOWARDS QUALITATIVE BASED STUDIES 60
Salih CEPNİ*, Ümmühan ORMANCI, Rabia OZEN UYAR, Sevinç KACAR, Erkan ÖZCAN
FEAR OF MISSING OUT SCALE (FOMOs): TURKISH VERSION VALIDITY AND RELIABILITY STUDY60
Gurhan CAN[1]*, Seydi Ahmet SATICI[2]
STRUCTURAL TRANSFORMATION IN THE DECISION BODY OF THE EDUCATION SYSTEM 61
Mehmet Metin Arslan
PROJECT-BASED LEARNING WITH THE USE OF E-PORTFOLIO 62
Sara Drožđek[1]*, Vesna Ferk Savec[1], Anja Luštek[1]

Globets 2018 Conference
An International Conference on Education, Technology and Science
6 - 9 May 2018, 88 Rooms Hotel, Belgrade - Serbia



THE EVALUATION OF THE PROJECT PREPARATION METHODS AND TECHNIQUES IN-SERVICE TEACHER TRAINING PROGRAM ACCORDING TO THE FOUR-LEVEL EVALUATION MODEL

Ebubekir USANMAZ, Yavuz ERİŞEN*
Yıldız Technical University
erisenyavuz@gmail.com

The curriculum developed by the constructivist approach in Turkey has made the application of teaching methods and techniques which direct students to research and critical thinking necessary. Instead of traditional teaching methods, project-based teaching, problem-based teaching and inquiry-based teaching are preferred within the constructivist approach. In this context, in-service training programs for teachers are organized by the Ministry of National Education in order to help them acquire the ability to apply project-based teaching methods. Satisfaction questionnaires and achievement tests applied to the participant teachers are used to evaluate the achievement of the goals of in-service training activities. However, there is no comprehensive study in the related literature that explores if the teachers reflect the achievements they receive in the training process and their contribution to the schools they work in.

The aim of this study is to evaluate the contribution of the Project Preparation Methods and Techniques In-Service Teacher Training Program to the education quality and training processes and the institutional structures of the schools. It is considered that the evaluation done in this context (1) will contribute to the process of updating the Project Preparation Methods and Techniques In-Service Teacher Training Program and (2) can be used as a model in evaluating other in-service training programs.

In the program evaluation process, firstly, an evaluation model should be selected that is appropriate for the targets and structure of the program to be evaluated. The four-level evaluation model developed by Donald L. Kirkpatrick (Reference) was preferred in this study. Kirkpatrick's model includes Reaction, Learning, Behavior and Results levels to evaluate a program. The Reaction Level queries the participants' satisfaction from the program and the Learning Level questions the participants' acquisition of the program outcomes. The stages called Reaction and Learning levels are the indispensable components of almost all program evaluation models, although they are called in different terms. On the other hand, The Behavior Level investigates the reflection of program outcomes on the application sides, and the Results Level inquires the institutional effects of the program which form the distinctive aspects of Kirkpatrick's model overlapping with the aim of this study.

The case study research, constituting the qualitative dimension of the evaluation, was used to describe the levels of the selected model and to reach various jurisdictions. In the context of the case study, document analysis, questionnaires, observation and interview techniques were used to include the evaluation process with all aspects and incorporate current developments into the research. The single-group pretest-posttest experimental design constitutes the quantitative dimension of the study used in the Learning Level of the selected evaluation model. The triangulation method, which provides the compatibility of data obtained from different sources, was used to establish the validity and reliability of the evaluation process.

The sample of this evaluation study consisted of 30 teachers participated in the Project Preparation Methods and Techniques In-Service Training Program organized by a District Directorate of National Education in Istanbul in 2017.

The results of the satisfaction questionnaire and achievement test applied before and after the program by executive experts were used at the Reaction and Learning Levels of the evaluation. Interview and observation forms prepared by evaluator were used at the Behavior and Results Levels of the evaluation. Data about the experiences of teachers in applying project-based teaching methods and techniques and the changes that they created in their schools were collected. A five-point Likert-type questionnaire was prepared and applied to the participant teachers in the direction of expert opinions and compilation of data collected through interviews and observations.

As a result of the analysis of the data, it was concluded that the organized in-service training program was successful at the Reaction and Learning Levels, mediocre at the Behavior Level and unsuccessful at the Results Level. In the process of updating the evaluated in-service training program, it is recommended to take necessary measures to increase institutional contributions and strengthen the interventions.

Keywords: project-based teaching, in-service training, four-level evaluation model

Globets

Globets 2018 Conference

An International Conference on Education, Technology and Science

This is to certify that

Yavuz Erişen

has presented the paper entitled

"The Evaluation of the Project Preparation Methods and Techniques In-Service Teacher Training Program According to the Four-Level Evaluation Model"

in the **Globets 2018 Conference** held between the dates of 6-9 May 2018 in Belgrade, SERBIA.

Prof. Dr. Mehmet Engin Deniz
President of the conference

6 - 9 May 2018, 88 Rooms Hotel, Belgrade - Serbia