

INTERNATIONAL CONFERENCE ON EDUCATION IN MATHEMATICS, SCIENCE & TECHNOLOGY



CONFERENCE PROGRAM BOOK



ICEMST2016
May 19-22, 2016
Bodrum / TURKEY

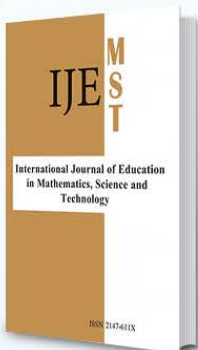
INTERNATIONAL CONFERENCE ON EDUCATION IN MATHEMATICS, SCIENCE & TECHNOLOGY

CONFERENCE PROGRAM BOOK



**GAZIANTEP
UNIVERSITY**

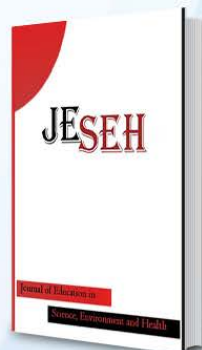
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Mustafa Tevfik HEBEBCİ
Yasemin AY

SCHEDULE**THURSDAY (19 May 2016)**

10.00-...	Conference Registration & Hotel Check-in
12.30-14.00	Lunch
14.00-14.30	Opening Ceremony (Prof. Dr. Mehmet Ozaslan) – Meeting Room 1
14.30-15.30	Keynote Speech (Prof.Dr. Robert M. Capraro) – Meeting Room 1 <i>"Teaching for Learning in the Accountability Millennium and the Transnational Migration: STEM EDUCATION"</i>
15.30-16.00	Coffee Break
16.00-17.30	Session I- Presentations
17.30-19.30	Session II- Presentations
19.30-21.00	Dinner

FRIDAY (20 May 2016)

07.00-08.30	Breakfast
08.30-10.30	Session III- Presentations
10.30-11.00	Coffee Break
11.00-12.30	Panel (Moderator: Dr. M. Sencer Corlu - Panelists: Dr. Joseph Krajcik, Dr. Sharon Lynch, Dr. Kathy C. Trundle) – Meeting Room 1 <i>"STEM Education: What, Why And How?"</i>
12.30	Art Exhibition Opening (Assist.Prof.Dr. Omer Tayfur Ozturk & Assist.Prof.Dr. Mahmut Sami Ozturk) – Conference Lobby Hall
12.30-14.00	Lunch
14.00-15.30	Keynote Speech (Prof.Dr. Joseph Krajcik) – Meeting Room 1 <i>"Developing and Testing Instructional Materials to Support Students in Designing Solutions to Problems and Explaining Phenomena"</i>
15.30-16.00	Coffee Break
16.00-17.30	Session IV- Presentations
17.30-19.30	Forum (Moderator: Dr. Niyazi Erdogan - Contributors: Dr. Robert M. Capraro, Dr. Mary M. Capraro, Dr. M. Sencer Corlu, Dr. Tufan Adiguzel, Dr. Zsolt Lavicza) – Meeting Room 1 <i>"STEM Education in Different Countries"</i>
19.30-21.00	Dinner

SATURDAY (21 May 2016)

07.00-08.30	Breakfast
08.30-10.30	Session V- Presentations
10.30-11.00	Coffee Break
11.00-12.30	Keynote Speech (Prof.Dr. Mary M. Capraro) – Meeting Room 1 <i>"Fireside Chat with Graduate Students: Becoming a Teacher Educator"</i>
12.30-14.00	Lunch
14.00-15.30	Keynote Speech (Prof.Dr. Sharon Lynch) – Meeting Room 1 <i>"Inclusive STEM-focused High Schools: Building Innovative Opportunity Structures for Students a Global Environment"</i>
15.30-16.00	Coffee Break
16.00-17.30	Session VI- Presentations
17.30-19.30	Session VII- Presentations
19.30-21.00	Dinner

SUNDAY (22 May 2016)

07.00-08.30	Breakfast
08.30-10.30	Session VIII- Presentations
10.30-11.30	Keynote Speech (Prof.Dr. Kathy C. Trundle) – Meeting Room 1 <i>"STEM and STEAM during the Early Childhood Years"</i>
11.30-12.00	Closing Ceremony – Meeting Room 1
Before noon	Hotel Check-out

ORAL PRESENTATIONS**SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)**

MEETING ROOM 1	CHAIRS: Canan Nakiboğlu - Tolga Gök
	A0177 - AN EFFECTIVE METHOD FOR PRE-SERVICE PROFESSIONAL DEVELOPMENT OF TEACHER CANDIDATES: LESSON STUDY <i>Ahmet Akçay, Serdar Safalı</i>
	A0127 - THE IMPORTANCE OF SYMBOLS AND UNITS IN NATURAL SCIENCE <i>Tolga Gok</i>
	A0100 - HOW PRE-SERVICE PRIMARY TEACHERS VALUE REFLECTION? <i>Kader Bilican</i>
	A0128 - EVALUATING THE CONTRIBUTION OF PHYSICS COURSES TO BASIC ELECTRONIC AND MEASUREMENT COURSE WITHIN THE FRAMEWORK OF TEACHING PROGRAM IN PROFESSIONAL HIGH SCHOOLS <i>Işık Saliha Karal Eyüboğlu, Salih Uzun</i>
	A0106 - STUDENTS SELF-EFFICACY AND ACHIEVEMENT GOALS AS PREDICTORS OF THEIR METACOGNITIVE SELF-REGULATION <i>Savaş Pamuk, Ridvan Elmas, Yakup Saban</i>
	A0350 - ANALYSIS OF PROSPECTIVE CHEMISTRY TEACHERS' VIEWS ON MODELS ACCORDING TO SOLO (STRUCTURE OF OBSERVED LEARNING OUTCOMES) TAXONOMY <i>Cem Gültekin, Canan Nakiboğlu</i>

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 2	CHAIRS: Kemal Özgen - Kübra Açıkgül
	A0069 - A COMPARISON OF THE COGNITIVE DEMANDS OF TASKS: 7TH GRADE MATHEMATICS TEXTBOOK VERSUS THE NATIONAL CURRICULUM <i>Özlem Engin, Renan Sezer</i>
	A0168 - INVESTIGATION OF MIDDLE SCHOOL STUDENTS' LEARNING STYLES AND ATTITUDES TOWARDS MATHEMATICAL PROBLEM SOLVING <i>Kemal Özgen, Mehmed Ay, Zülküf Kiliç, Gökhan Özsoy, Fatma Nur Alpay</i>
	A0362 - DISCOVERING RELATION BETWEEN PYTHAGORAS RELATIONSHIP AND THE GRANDI'S ROSES WITH A DYNAMIC GEOMETRY SOFTWARE <i>Recep Aslaner, Kübra Açıkgül</i>
	A0101 - INVESTIGATION OF SECONDARY SCHOOL STUDENTS ATTITUDES TOWARDS MATHEMATICS AND USE OF INTERACTIVE WHITEBOARD IN MATHEMATICS COURSE IN TERMS OF GENDER, GRADE LEVEL AND SCHOOL TYPE VARIABLES <i>Kübra Açıkgül, Sema Nacar, Celal Çakan</i>
	A0120 - PROSPECTIVE MATHEMATICS TEACHERS' CONCEPT IMAGES OF RATIONAL NUMBER AND FRACTION <i>Esra Macit, Turabi Geyikli</i>
	A0169 - EXPLORING INTERACTIONS AND RELATIONSHIPS AMONG TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE CONSTRUCTS VIA ROUGH SET ANALYSIS <i>Kemal Özgen, Serkan Narlı</i>

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 3	CHAIRS: Yejun Bae - İbrahim Delen
	A0030 - THE DEVELOPMENT OF PRE-SERVICE SCIENCE TEACHERS' REFLEXIVE PRACTICE AT THE LEBANESE UNIVERSITY FACULTY OF EDUCATION <i>Hanadi Chatila, Iman Abou Ali</i>
	A0034 - TEACHERS' BELIEFS, KNOWLEDGE, AND CLASSROOM PRACTICE: THE EFFECTIVENESS OF PROFESSIONAL DEVELOPMENT FOCUSED ON ARGUMENT-BASED INQUIRY APPROACH <i>Yejun Bae</i>
	A0028 - INVESTIGATING LEBANESE GRADE SEVEN BIOLOGY TEACHERS MATHEMATICAL KNOWLEDGE AND SKILLS A CASE STUDY <i>Nawal Abou Raad, Hanadi Chatila</i>
	A0042 - MODEL OF STUDYING ELECTROMAGNETIC FIELD AND WAVES THEORY VIA COMPUTER SIMULATION <i>Tamar Bzhalava, Paata Kervalishvili, Mzia Tsirekidze, Goga Kakabadze</i>
	A0024 - NEGOTIATING WHITE SCIENCE IN A RACIALLY AND ETHNICALLY DIVERSE UNITED STATES <i>Patricia Dunac Morgan, Kadir Demir, Jennifer Esposito</i>
A0025 - HOW TO IMPROVE SCIENCE TEACHERS CONFIDENCE IN TEACHING: THE EFFECTS OF PERCEIVED CAREER SATISFACTION AND PROFESSIONAL COLLABORATION <i>Ibrahim Delen, Mehmet Şükrü Bellibaş</i>	

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 4	CHAIRS: Gerald Knezek - Nele Vandamme
	A0218 - USING STEM INTEGRATED APPROACH TO NURTURE STUDENTS' INTEREST AND 21ST CENTURY SKILLS <i>Mohamad Sattar Rasul, Lilia Haim, Zanaton Iksan</i>
	A0253 - STEM PEDAGOGICAL APPROACH FOR PRIMARY SCIENCE TEACHERS' THROUGH EARLY ENGINEERING TRAINING PROGRAM <i>Rose Amnah Abd Rauf</i>
	A0308 - INTEGRATING STEM INTO EARLY CHILDHOOD EDUCATION: IS IT FEASIBLE? <i>Eng Tek Ong, Aminah Ayob, Nasir Ibrahim, Mazlini Adnan, Jameyah Shariff, Noriah Ishak</i>
	A0074 - EMPOWERING STEM-TEACHERS: TOWARDS AN INTERDISCIPLINARY STEM DIDACTICAL APPROACH <i>Nele Vandamme, Heleen Bossuyt</i>
	A0313 - CREATING AN ENGINEERING KNOWLEDGE BASE FOR STEM INTEGRATION: A MODIFIED DELPHI STUDY <i>Baki Cavlazoglu, Niyazi Erdogan</i>

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 5	CHAIRS: Sally De-Vitry Smith - Matt Cochrane
	A0023 - TURN YOUR PHONES ON: USING ANDROID DEVICES TO COLLECT SCIENTIFIC DATA <i>Matt Cochrane</i>
	A0096 - DEVELOPING AND IMPLEMENTING AN EPORTFOLIO <i>Sally De-vitry Smith, Lisa Charmer, Angela Manuel</i>
	A0048 - ASPECTS OF USING CLOUD TECHNOLOGIES IN VIRTUAL LEARNING ENVIRONMENT <i>Taliko Zhvania, David Kapanadze, Mzia Kiknadze</i>
	A0161 - INTERNET USAGE AMONG RETIRED PERSONS: HABITS AND PERCEPTIONS <i>Fatih Süleyman Biçer, Mustafa Koç</i>
	A0091 - A SYSTEMIC FRAMEWORK FOR ASSESSMENT OF BLENDED ACHIEVEMENT IN TRANSNATIONAL SCHOOLS AS COLLABORATIVE LEARNING COMMUNITIES <i>Zayed Hamdan</i>
A0162 - THE COMPARISON OF SCHOOL ADMINISTRATORS' AND ICT TEACHERS' TECHNOLOGY LEADERSHIP PROFICIENCIES <i>Fatih Süleyman Biçer, Mustafa Koç</i>	

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 6	CHAIRS: Sinan Erten - Ayhan Çinici
	A0058 - INVESTIGATING OF ATTITUDE, BEHAVIOUR AND SELF- EFFICACY RELATED TO SCIENCE TEACHER CANDIDATES' RENEWABLE ENERGY AND ENVIRONMENT <i>Aysel Aydin Kocaeren</i>
	A0196 - AN INVESTIGATION OF FACTORS AFFECTING PRE-SERVICE SCIENCE TEACHERS AWARENESS IN RENEWABLE ENERGY SOURCES <i>Osman Mutlu, Yüksel Köseoğlu</i>
	A0244 - EXAMINING ECOLOGICAL FOOTPRINT AND SUSTAINABLE ENVIRONMENTAL ATTITUDES OF EIGHTH GRADE STUDENTS <i>Ayhan Çinici, Fatma Demirtaş</i>
	A0512 - ROLE OF EXCURSIONS AND EVENTS ON ECO-FRIENDLY BEHAVIOR FORMATION AND EFFECTS ON STUDENT INFORMATION AND ATTITUDES <i>Sinan Erten</i>
	A0458 - HIGH SCHOOL STUDENTS' ASSOCIATING STATUS WITH DAILY LIFE EVENTS OF DISSOLUTION AND DIFFUSION CONCEPTS <i>Fethiye Karsli, Çiğdem Şahin</i>
A0481 - THE EFFECTS OF CONCEPT CARTOONS ON STUDENTS SCIENCE PROCESS SKILLS <i>Kübra Sancak, Bekir Güler</i>	

SESSION I: May 19, 2016 – Thursday (16:00 – 17:30)

MEETING ROOM 7	CHAIRS: Eyup Yurt - Şule Akyol
	A0011 - THE IMPACT OF MOTIVATIONAL STRATEGIES ON MATH ACHIEVEMENT: TESTING THE MEDIATING ROLE OF SOURCES OF MATH SELF-EFFICACY WITH STRUCTURAL EQUATION MODELLING <i>Eyup Yurt</i>
	A0230 - EXAMINING THE EFFECT OF CLASSROOM MANAGEMENT PROFILES ON MATH TASK VALUE <i>Eyup Yurt, Fatih Bozbayindir</i>
	A0198 - MIDDLE SCHOOL STUDENTS' SELF-EFFICACY SOURCES IN MATHEMATICS: A QUALITATIVE STUDY <i>Şule Akyol, Ismail Şahin</i>
	A0201 - ADAPTATION OF MATH OUTCOME EXPECTATION SCALE TO TURKISH <i>Şule Akyol, Ali Murat Sünbül</i>
	A0163 - THE STRATEGIES USED BY PROSPECTIVE ELEMENTARY SCHOOL TEACHERS IN THE PROCESS OF PROBLEM SOLVING <i>Rezan Yilmaz, Faik Murat Sayıcı</i>
	A0222 - AN EXAMINATION OF THE RELATIONSHIP BETWEEN MOTIVATIONAL BELIEFS AND MATH ANXIETY OF MIDDLE SCHOOL 7TH GRADES STUDENTS <i>Eyup Yurt</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 1	CHAIRS: Canan Nakiboğlu - Nurcan Cansız
	A0487 - INVESTIGATION OF PHYSICS TEACHER CANDIDATES TO ESTABLISH THE RELATIONSHIP BETWEEN SIMPLE HARMONIC MOTION AND UNIFORM CIRCULAR MOTION <i>Güner Tural, Demet Tarakçı</i>
	A0493 - OBJECTIVES OF PHYSICS TEACHER CANDIDATES TO DESIGN 3D MATERIAL AND PROBLEMS THEY ENCOUNTERED IN THE PROCESS <i>Güner Tural, Demet Tarakçı</i>
	A0114 - SEVENTH GRADE STUDENTS' THOUGHTS ABOUT THE HYDROELECTRIC PLANT TRIP <i>Ümmü Gülsüm Durukan, Fethiye Karsli</i>
	A0297 - STUDENT TEACHERS' LACK OF PROFICIENCY IN DIFFERENTIATING BETWEEN OBSERVATION AND INFERENCE <i>Mustafa Cansız, Nurcan Cansız</i>
	A0214 - EXAMINATION OF PROSPECTIVE CHEMISTRY TEACHERS' PEDAGOGIC CONTENT KNOWLEDGE CONCERNING GRAPHS ABOUT SOLUTIONS, SOLUBILITY, AND CHANGE OF STATES TOPICS <i>Cem Gültekin, Canan Nakiboğlu</i>
	A0149 - ASCERTAIN MISCONCEPTIONS OF TEACHER CANDIDATES OF PRIMARY SCHOOL TEACHING DEPARTMENT IN THE "FORCE AND MOTION" ISSUE AND CATEGORIZED THESE MISCONCEPTIONS IN AN ONTOLOGICAL SENSE. <i>Ayşegül Kinik Topalsan, Hale Bayram</i>
	A0298 - HOW DO PRESERVICE ELEMENTARY TEACHERS PLAN AND PERFORM SCIENCE TEACHING? <i>Nurcan Cansız, Mustafa Cansız</i>
	A0375 - THE EFFECT OF ADIDACTICAL SITUATIONS ON STUDENT TEACHERS' LEARNING OF ELECTRIC CURRENT TYPES <i>Ümmü Gülsüm Durukan, Ayşegül Sağlam-Arslan</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 2	CHAIRS: Kamil Yurtkan - Behiye Akçay
	A0445 - THE INFLUENCE OF TOULMIN'S ARGUMENT PATTERN ON SEVENTH GRADE STUDENTS' AWARENESS OF DEMARCATION PROBLEM <i>Behiye Akçay, Merve Arik</i>
	A0475 - THE PERCEPTIONS OF SOCIAL SCIENCES TEACHERS ABOUT FATİH PROJECT <i>Erol Koçođlu</i>
	A0476 - THE EFFECTS OF INQUIRY-BASED EXPERIMENTS ON STUDENTS' PERCEPTIONS TOWARDS SCIENTISTS <i>Senem Karaca, Bekir Güler</i>
	A0113 - A MOBILE APPLICATION DESIGN FOR SPECIAL EDUCATION TO TEACH RELATIONS BETWEEN OBJECTS <i>Hüseyin Göksu, Tolgay Karanfiller, Kamil Yurtkan, Gökhan Güven</i>
	A0174 - THE WORD "EDUCATION" IN SOCIAL MEDIA <i>Ilker Türker, Serhat Orkun Tan</i>
	A0179 - MEASURING PERIMETER AND AREA WITH WEB-BASED TEACHING <i>Demet Temiz, Aytaç Kurtuluş</i>
	A0205 - ANALYSIS OF TECHNOLOGY ADDICTION OF HIGH SCHOOL AND UNIVERSITY STUDENTS USING DATA MINING TECHNIQUES <i>Meltem Kurt Pehlivanođlu, Nevcihan Duru</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 3	CHAIRS: Serhat Kocakaya - Mustafa Erol
	A0141 - ANALYZING OF THE SECONDARY EDUCATION CURRICULUM IN TURKEY IN TERMS OF STEM EDUCATION: 7TH GRADE CURRICULUM <i>Serhat Kocakaya, Nihat Kotluk, Ömer Ensari</i>
	A0459 - GRADUATE STUDENTS' VIEWS ABOUT THE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) EDUCATION <i>Fethiye Karsli, Koray Kocaman, Yasemin Haciođlu, Çiđdem Şahin</i>
	A0111 - SCIENCE, TECHNOLOGY, ENGINEERING, ART AND MATHEMATICS IN TURKEY <i>Elif Açil, Selçuk Arik</i>
	A0262 - COMPARISON OF GIFTED-TALENTED AND AVERAGE-ABILITY STUDENTS IN TERMS OF ATTITUDE TOWARDS STEM <i>Leyla Ayverdi, Yunus Emre Avcu, Özlem Karakoç</i>
	A0105 - TRANSLATION, ADAPTATION AND VALIDATION OF STUDENT ATTITUDE TOWARD STEM SCALE FOR USE IN TURKEY <i>Selçuk Arik, Elif Açil, Meral Çelikođlu</i>
	A0426 - THE EFFECT OF MOBILE ASSESSMENT ON STUDENT PERFORMANCE <i>Mustafa Erol, Ahmet Ozcan</i>
	A0425 - EXEMPLARY TECHNOLOGY INCORPORATED CONTEMPORARY ACTIVE LEARNING ENVIRONMENTS FOR STEM COURSES <i>Mustafa Erol, Ahmet Ozcan</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 4	CHAIRS: Mustafa Şahin Bülbül - Ayhan Çinici
	A0142 - DEVELOPMENT OF A VALID AND RELIABLE ACHIEVEMENT TEST IN THE UNIT OF FORCE AND MOVEMENT <i>Şahin İdin, Cemil Aydoğdu</i>
	A0225 - REVIEW OF THE ANALYSES ON THE PUBLICATIONS REGARDING THE NATURE OF SCIENCE IN EDUCATION <i>Nisa Yenikalayci</i>
	A0226 - CHEMISTRY TEACHERS' UNDERSTANDING AND PRACTICES OF EQUITABLE ASSESSMENT <i>Kemal İzci</i>
	A0236 - TEACHING PARTICLE PHYSICS TO A BLIND LEARNER <i>Mustafa Şahin Bülbül</i>
	A0245 - INVESTIGATING THE EFFECT OF VALUE EDUCATION ACTIVITIES INTEGRATED WITH SEVENTH GRADE SCIENCE SUBJECTS ON STUDENTS' VALUE DEVELOPMENT <i>Ayhan Çinici, Kevser Herdem</i>
	A0283 - THE STUDY OF PSEUDOSCIENTIFIC BELIEFS OF SECONDARY SCHOOL STUDENTS <i>Hulusi Emre, Ayşegül Ergün</i>
	A0432 - THE IMAGES OF SCIENTIST ON MIDDLE SCHOOL STUDENTS WHO MAKE PROJECT TO SCIENCE FAIR AND ITS EFFECTS ON THEIR LIVES <i>Sema Aydın Ceran, Seda Çavuş Güngören</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 5	CHAIRS: Fatma Gülay Kırbaşlar - Emin Aydın
	A0055 - EFFECTS OF INSTRUCTIONAL CURRICULUM BASED ON COOPERATIVE LEARNING ON 7TH GRADE STUDENTS' MOTIVATION TOWARD SCIENCE LEARNING <i>Filiz Avcı, Burçin Acar Şeşen, Fatma Gülay Kırbaşlar</i>
	A0187 - PRE-SERVICE SCIENCE TEACHERS' MISCONCEPTIONS ABOUT DIFFUSION AND OSMOSIS <i>Çiğdem Çingil Barış, Zeliha Özsoy Güneş, Burçin Acar Şeşen</i>
	A0209 - THE EXAMINATION IN TERMS OF VARIOUS VARIABLES OF THE TEACHER CANDIDATE'S SELF-REGULATED LEARNING SKILLS <i>Zeliha Özsoy Güneş, Gülşah Batdal Karaduman</i>
	A0181 - ANALYSIS OF BIOLOGY CONTENT KNOWLEDGE TEST ACCORDING TO COGNITIVE PROCESS DIMENSION OF REVISED BLOOM TAXANOMY <i>Aylin Kala, Mustafa Çakir</i>
	A0182 - THE EFFECTS OF TEACHING METHOD WITH SIMPLE MATERIALS ON SECONDARY SCHOOL STUDENTS' TRANSFER OF SCIENTIFIC CONCEPTS INTO THEIR DAILY LIVES <i>Abuzer Akgün, Ümit Duruk, Nazlı Yıldırım</i>
	A0183 - THE FUNCTION AND IMPORTANCE OF AMGEN PROJECT IN SCIENCE EDUCATION SUPPORTED BY EUROPEAN UNION <i>Nuray Akbulut</i>
	A0186 - AN INVESTIGATION OF THE FACTORS AFFECTING INNOVATION PERCEPTIONS OF MATHEMATICS, SCIENCE AND SOCIAL SCIENCES TEACHER CANDIDATES <i>Emin Aydın, Mehmet Ali Çorlu</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 6	CHAIRS: Serkan Narlı - Yılmaz Zengin
	A0388 - TEACHING STYLES USED BY PROSPECTIVE TEACHERS IN SOLVING PROBLEMS <i>Yasemin Deringöl</i>
	A0389 - EVALUATION OF MATHS MOTIVATION OF GIFTED AND NORMAL STUDENTS <i>Yasemin Deringöl, Duygu Ün</i>
	A0344 - GPSS TOOL FOR STUDENTS IN STATISTICS EDUCATION <i>Ecem İren, Serdar Korukoğlu</i>
	A0254 - ANALYSING PROVING PROCESS OF A PROSPECTIVE ELEMENTARY MATHEMATICS TEACHER IN THE CONTEXT OF PROOF IMAGE <i>Serkan Narlı, Esra Aksoy, Ozan Pala, Yusuf Emre Ercire, Melike Uysal</i>
	A0192 - LINE AND PLANE IN SPACE IN A DYNAMIC LEARNING ENVIRONMENT <i>Yılmaz Zengin, Enver Tatar</i>
	A0227 - PRESERVICE ELEMENTARY MATHEMATICS TEACHERS' CONCEPT IMAGES FOR SEQUENCES <i>Fatih Karkuş, Zeynep Bahar Erşen, Nimet Pancaroğlu</i>
	A0269 - THE INVESTIGATION OF PROSPECTIVE ELEMENTARY MATHEMATICS TEACHERS' CONCEPT IMAGES RELATING TO CONCEPTS OF BOUNDEDNESS-BOUNDLESSNESS <i>Mustafa Akdemir, Serkan Narlı</i>
	A0291 - ANALYSIS OF ALGEBRA TEACHING KNOWLEDGE OF PRE-SERVICE ELEMENTARY MATHEMATICS TEACHERS <i>Feriha Hande İdil, Serkan Narlı</i>

SESSION II: May 19, 2016 – Thursday (17:30 – 19:30)

MEETING ROOM 7	CHAIRS: Nusret Tan - Ozkan Akman
	A0294 - PERCEPTUAL INTERFACES FROM THE PERSPECTIVE OF HUMAN-COMPUTER INTERACTION AND ITS USE IN EDUCATION <i>Neşe Gürbulak, Esad Eşgin</i>
	A0259 - GRADUATE THESIS ANALYSIS BASED MADE EFFORTS TO FATİH PROJECT: THE SAMPLE OF YOK DATABASES <i>Habib Özgan, Asim Barut</i>
	A0464 - TEACHING FRACTIONAL ORDER CONTROL SYSTEMS USING INTERACTIVE TOOLS <i>Nusret Tan, Ali Yuçe, Furkan Nur Deniz</i>
	A0265 - EFFECTS OF COURSE DELIVERY MODE ON STUDENTS' SELF-REGULATION SKILLS <i>Suleyman Ok, Tolga Erdogan, Osman Gazi Yildirim, Harun Cigdem</i>
	A0301 - EVALUATION OF THE INFORMATION TECHNOLOGY AND PROGRAMMING COURSE CURRICULUM BY TEACHERS' OPINIONS: A DELPHI STUDY <i>Veysel Demirer, Nurcan Sak</i>
	A0320 - CYBER SECURITY EDUCATION IN TURKEY <i>Mehmet Sevri, Nurettin Topaloğlu</i>
	A0327 - ASSESSMENT OF 4-5-6-7TH GRADE SOCIAL STUDIES TEACHING PROGRAM IN TERMS OF TECHNOLOGY LITERACY DIMENSIONS <i>Ozkan Akman</i>
	A0328 - SOCIAL STUDIES TEACHER CANDIDATES' TECHNOLOGY SELF-EFFICACY BELIEFS AND THEIR ATTITUDES TOWARDS TECHNOLOGY ASSISTED TEACHING <i>Ozkan Akman</i>

SESSION III: May 20, 2016 – Friday (08:30 – 10:30)

MEETING ROOM 1	CHAIRS: Heuseok Lim - Moofik Al-Tai
	A0240 - A COMPARATIVE ANALYSIS FOR MINIMUM LEARNING JUDGEMENT SYSTEM OF ONLINE LEARNER <i>Jaechoon Jo, Heuseok Lim</i>
	A0247 - CONTENT RECOMMENDATION SYSTEM BASED ON N-GRAM MODEL OF COLLABORATIVE FILTERING METHOD IN EDUCATION <i>Wonhui Yu, Heuseok Lim</i>
	A0331 - CURRICULUM METAPHORS <i>Amr Ibrahim</i>
	A0370 - SIMULATION MODELS IN PROCESS OF DESIGNER'S EDUCATION <i>Oksana Zakharkevich, Svetlana Kuleshova, Galina Shvets</i>
	A0382 - MOBIL BASED TEACHING AND LEARNING MATERIALS FOR CHILDREN WITH AUTISM <i>Hakan Akcay</i>
	A0405 - THE ADAPTATION OF THE NATURE OF TECHNOLOGY SCALE TO TURKISH <i>Aziz Teke, Ali Murat Sünbül, Özlem Sadi</i>
	A0189 - WORK BASED LEARNING AND EMPLOYERS ENGAGEMENT <i>Moofik Al-tai</i>
	A0472 - THE DESIGN OF A SECURE QUIZ EXTENSION FOR MOODBILE <i>Mustafa Kaiiali, Armagan Ozkaya, Halis Altun, Marc Alier</i>

SESSION III: May 20, 2016 – Friday (08:30 – 10:30)

MEETING ROOM 2	CHAIRS: Nesrin Özsoy - Burcu Durmaz
	A0449 - THINKING WITH SIX HATS ON TEACHING MATHEMATICS VIA EDUCATIONAL TECHNOLOGIES <i>Ismail Şan, Sultan Şan</i>
	A0474 - FRACTIONAL LITERACY LEVEL OF STUDENT MATHEMATICS TEACHERS <i>Ismail Şan</i>
	A0119 - DETERMINING VIEWPOINTS OF MATHS TEACHERS ON ROTATING CLASS SYSTEM (ORDU PROVINCE CASE) <i>Oğuz Balci, Yunus Pinarkaya, Gökhan Özsoy, Cengiz Özyürek</i>
	A0164 - 4TH-YEAR-PRIMARY SCHOOL CHILDREN: DEVELOPING DIFFERENT MODELS <i>Neslihan Şahin, Ali Eraslan</i>
	A0165 - MIDDLE SCHOOL STUDENTS' MODELING EXPERIENCES: A PAPER PLANE CONTEST PROBLEM <i>Neslihan Şahin, Ali Eraslan</i>
	A0013 - IMPACT OF SINGLE-SEX MATHEMATICS CLASS ON THE TEACHER INSTRUCTION <i>Murat Akkuş, Nesrin Özsoy</i>
	A0112 - EFFECTS OF NUMBER TALKS ON NUMBER SENSES OF PRE-SERVICE PRIMARY TEACHERS <i>Derya Can, Burcu Durmaz</i>
	A0133 - AN EXAMINATION OF 7TH GRADE STUDENTS' MISTAKES IN ALGEBRAIC EXPRESSIONS <i>Alattin Ural</i>

SESSION III: May 20, 2016 – Friday (08:30 – 10:30)

MEETING ROOM 3	CHAIRS: Carmen Gache - Kemal İzci
	A0031 - ENVIRONMENTAL EDUCATION THROUGH ORNITHOLOGY LIKE OPTIONAL CLASSES <i>Carmen Gache, Gabriela Zbughin</i>
	A0032 - ENVIRONMENTAL SCIENCES IN THE CURRICULUM FOR LOCAL COMMUNITY DEVELOPMENT <i>Carmen Gache, Gabriela Zbughin</i>
	A0098 - IDENTIFICATION WITH FUTURE MEDICAL PROFESSION AND COMMUNICATION SKILLS AMONG PHYSIOTHERAPY STUDENTS <i>Mariusz Jaworski, Mirosława Adamus</i>
	A0178 - STUDENT-CURATED EXHIBITS ON NANOTECHNOLOGY APPLICATIONS IN HEALTH SCIENCES <i>Sevil Akaygun, Emine Adadan</i>
	A0197 - REFLECTIONS OF COMMUNITY OF LEARNERS' INTERACTIONS TO TEACHERS' PROFESSIONAL DEVELOPMENT <i>Emine Adadan, Sevil Akaygun</i>
	A0219 - PROSPECTIVE HIGH SCHOOL SCIENCE TEACHERS' REASONING IN SELECTING AND EVALUATING FORMATIVE ASSESSMENTS <i>Kemal İzci</i>
	A0293 - RELATIONSHIP OF MIDDLE SCHOOL STUDENT STEM INTEREST TO CAREER INTENT <i>Rhonda Christensen, Gerald Knezek</i>

SESSION III: May 20, 2016 – Friday (08:30 – 10:30)

MEETING ROOM 4	CHAIRS: Cemil Aydoğdu - Hava İpek Akbulut
	A0188 - INTRODUCTION AND ASSESSMENT OF THE FORMATIVE ASSESSMENT STRATEGIES APPLIED IN SCIENCE COURSES IN MIDDLE SCHOOLS <i>Nermin Bulunuz</i>
	A0355 - EXAMINATION OF EXPERIENCED CHEMISTRY TEACHERS PEDAGOGICAL CONTENT KNOWLEDGE TOWARDS 9TH GRADE CHEMISTRY CURRICULUM <i>Ayşe Zeynep Şen, Canan Nakiboğlu</i>
	A0143 - DETERMINATION OF SCIENCE STUDENT TEACHERS' VIEWS RELATED TO COMPUTER SUPPORTED INSTRUCTION <i>Hava İpek Akbulut</i>
	A0307 - PRE-SERVICE SCIENCE TEACHERS' VIEWS TOWARDS SOCIOSCIENTIFIC ISSUES <i>Sibel Er Nas, Hava İpek Akbulut</i>
	A0242 - PRESERVICE ELEMENTARY TEACHERS' VIEWS OF CAUSES OF ACCIDENTS OCCURED IN THE LABORATORY <i>Cemil Aydoğdu</i>
	A0385 - A BIOMECHATRONIC APPLICATION ON PROSTHETICS FOR UNDERGRADUATE ENGINEERING STUDENTS <i>Faruk Ortes, Hasan Kemal Surmen, Yunus Ziya Arslan</i>
	A0228 - THE IMPACT ON INFORMAL LEARNING ENVIRONMENT ABOUT 5TH GRADE STUDENTS ACADEMIC ACHIEVEMENT OF LEARNING FOSSILS <i>Hakan Türkmen, Didem Büyükalıyay</i>

SESSION III: May 20, 2016 – Friday (08:30 – 10:30)

MEETING ROOM 5	CHAIRS: Zsolt Lavicza - Tadeusz Wibig
	A0156 - TEACHING STRATEGIES MEDIATED BY TECHNOLOGIES IN THE EDULAB MODEL: THE CASE OF THE SUBJECTS OF MATHEMATICS AND NATURAL SCIENCES <i>Ana Oliveira, Lúcia Pombo</i>
	A0387 - THE EFFECT OF T-STEM DESIGNATION ON CHARTER SCHOOLS: LONGITUDINAL EXAMINATION <i>Ayse Tugba Oner</i>
	A0395 - AN INTERACTIVE APP FOR STEM LEARNING IN MOBILE DEVICES <i>Mauro Figueiredo, Arif Solmaz, José Rodrigues</i>
	A0430 - EXAMINATION OF STUDENTS' CREATIVITY IN A STEM CAMP: EXPLORING STEAM <i>Ayse Tugba Oner, Sandra Nite, Mary Margaret Capraro, Robert M Capraro, Luciana R. Barroso</i>
	A0456 - INTEGRATING TECHNOLOGY INTO PRIMARY AND SECONDARY SCHOOL STEM TEACHING <i>Zsolt Lavicza</i>
	A0148 - PROJECT-BASED LEARNING IN MECHATRONICS ENGINEERING: MODELING AND DEVELOPMENT OF AN AUTONOMOUS WHEELED MOBILE ROBOT FOR FIRE FIGHTING <i>Atef Ata</i>
	A0193 - CITIZEN SCIENCE PROJECT NUCLEAR E-COLOGY: PHYSICAL RESULTS AND THE EDUCATIONAL IMPACT <i>Tadeusz Wibig, Punsiri Dam-o</i>
	A0368 - PROMOTING LEARNER AUTONOMY THROUGH CLIL CLASSES IN HIGHER EDUCATION <i>Ljiljana Marković, Zorica Prnjat</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 1	CHAIRS: Ayşegül Alaybeyoğlu - Yalçın Durmuşoğlu
	A0414 - THE RELATIONSHIP BETWEEN INFORMATION LEVEL OF INDIVIDUALS REGARDING INFORMATION TECHNOLOGY AND THEIR PERCEPTIONS CONCERNING INFORMATION SECURITY: UNIVERSITY STUDENTS AS EXAMPLE <i>Faruk Süleyman Berber, Ecir Uğur Küçüksille</i>
	A0428 - EXAMINING PRIMARY SCHOOL TEACHERS' PARTICIPATION PATTERNS IN AN ONLINE FOLLOW-UP PLATFORM AFTER A PROFESSIONAL DEVELOPMENT WORKSHOP <i>Canan Güneş, Serkan Özel</i>
	A0436 - ADVANCED EDUCATION TECHNOLOGY: VIRTUAL REALITY SIMULATION FOR MARINE FIRE FIGHTING TRAINING <i>Yalçın Durmuşoğlu, Gazi Koçak</i>
	A0518 - A LEARNING STYLE INFERENCE SYSTEM BASED ON FUZZY LOGIC TECHNIQUE <i>Muhammet Uysal, Kadriye Filiz Balbal, Naciye Mülayim, Ali Özdemir, Ayşegül Alaybeyoğlu</i>
	A0447 - WHICH TYPE OF VERBAL PROBLEMS DO THE TEACHERS AND EDUCATION MATERIALS PRESENT TO CHILDREN IN PRESCHOOL PERIOD? <i>Yaşare Aktaş Arnas, Şule Sarıbaş</i>
	A0448 - TURKISH TEACHERS' TPACK CHARACTERISTICS: AN ANALYSIS WITHIN THE FRAMEWORK OF FATİH PROJECT <i>Yusuf Ay, Engin Karadağ, M. Bahaddin Acat</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 2	CHAIRS: Şule Bayraktar - Nilüfer Okur Akçay
	A0496 - DETERMINATION OF THE DIFFERENCES BETWEEN PRESERVICE TEACHERS' AND PEDAGOGICAL FORMATION STUDENTS' SELF EFFICACY AND PERSPECTIVES TO TEACHING PROFESSION <i>Gülfem Muşlu Kaygisiz, Hikmet Sürmeli</i>
	A0118 - THE IMPACT OF ROTATING CLASS SYSTEM ON THE SUCCESS LEVELS AND ATTITUDES OF THE STUDENTS IN THE LIGHT UNIT <i>Yunus Pinarkaya, Cengiz Özyürek</i>
	A0021 - APPLICATION OF ACTIVITIES INTENDED TO PERCEIVE NATURE OF SCIENCE FOR 5TH AND 6TH GRADE STUDENTS <i>Sema Küçükmert Ertekin, Burcu Aygen</i>
	A0059 - DETERMINING AND COMPARING THE SCIENCE PROCESS SKILL LEVELS OF 5TH AND 8TH GRADE STUDENTS <i>Jale Kalemkuş, Şule Bayraktar, Fatih Kalemkuş</i>
	A0090 - THE EFFECT OF COOPERATIVE LEARNING MODEL IN PRE-SCHOOL CHILDREN'S ACADEMIC ACHIEVEMENT ON SCIENCE <i>Nilüfer Okur Akçay, Seda Okumuş, Oylum Çavdar, Kemal Doymuş</i>
	A0095 - CREATING TECHNOLOGY-ENHANCED, LEARNER CENTERED CLASSROOM IN SCIENCE INSTRUCTION: PROVIDING FEEDBACK WITH USING MOBILE TECHNOLOGY <i>Özkan Yılmaz</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 3	CHAIRS: Deborah L. Linebarger - John Oversby
	A0071 - INTEGRATION OF THE SCIENCE CURRICULUM WITH ENTRAPRENEURSHIP IN ELEMENTARY SCHOOL <i>Sedat Uçar</i>
	A0072 - JOURNALISTIC TEXTS IN SCIENCE TEACHING: DOES MEDIA LITERACY MATTER? <i>Tali Tal, Avshalom Ginosar</i>
	A0075 - DRAMA FOR INCLUSION IN SCIENCE <i>John Oversby</i>
	A0077 - MACRO/MICRO WRITING FEATURES IMPACT ON COHESION: EARLY CHILDHOOD ARGUMENT-BASED INSTRUCTIONAL TECHNIQUES IMPACT ON EFFECTIVE COMMUNICATION OF SCIENCE CONTENT <i>Ted Neal</i>
	A0079 - MULTIMODAL REPRESENTATIONS AS A MEANS OF DEVELOPING SCIENCE LITERACY IN YOUNG LEARNERS <i>Nathan Quarderer, Deborah L. Linebarger</i>
	A0094 - DEVELOPMENT OF THE SECONDARY-BIOLOGY CONCEPT INVENTORY (S-BCI) <i>Andria Stammen, Deborah Lan, Anita Schuchaerdt, Kathy Malone, Lin Ding, Zakee Sabree, William Boone</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 4	CHAIRS: Mehtap Yıldırım - Olcay Sinan
	A0356 - EVALUATION OF 9TH GRADE CHEMISTRY TEACHERS' KNOWLEDGE OF ASSESSMENT IN THE CONTEXT OF PHYSICAL AND CHEMICAL CHANGES <i>Ayşe Zeynep Şen, Canan Nakiboğlu</i>
	A0255 - THE USE OF EDIBLE SCIENCE PROJECTS IN TEACHING SCIENCE CONCEPTS <i>Arif Çömek, Mehtap Yıldırım, Zehra Betül Alp</i>
	A0256 - APPLICATION OF LABORATORY EQUIPMENT FOR POWER ELECTRONICS IN VOCATIONAL SCHOOL OF TECHNICAL SCIENCE <i>Hibetullah Kiliç, Musa Yılmaz, M. Emin Asker</i>
	A0257 - EFFECTS OF COMPUTER BASED EXPERIMENT CARDS IN ELECTRICAL-ELECTRONIC EDUCATION <i>Hibetullah Kiliç, M. Emin Asker, Musa Yılmaz</i>
	A0260 - EXAMINING THE EFFECT OF CELL DIVISIONS ACTIVITIES ON CONCEPTUAL UNDERSTANDING OF PRE-SERVICE SCIENCE TEACHERS <i>Olcay Sinan, Metin Şardağ</i>
	A0261 - THE VIEWS OF STUDENTS THAT INTENDED PROCESSING 5E MODEL 8TH GRADE LEVEL IN ACID-BAS ISSUE <i>Ali Akinci</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 5	CHAIRS: Ayşegül Sağlam Arslan - Faik Özgür Karataş
	A0264 - INVESTIGATING PHYSICS TEACHERS' CLASSROOM PRACTICES OF PHYSICS CURRICULUM <i>Ayşegül Sağlam Arslan, Nedim Alev, Tuncay Özsevgeç, Alpaslan Şahinoğlu</i>
	A0334 - DETERMINING SCIENCE TEACHER CANDIDATES' OPINIONS RELATED TO "HEAT TRANSMISSION BY CONVECTION" <i>Tülay Şenel Çoruhlu, Işık Saliha Karal Eyüboğlu</i>
	A0336 - WHAT DO PRE-SERVICE ELEMENTARY SCHOOL TEACHERS THINK ABOUT KEEPING JOURNALS? <i>Faik Özgür Karataş, Canan Cengiz, Suat Çelik</i>
	A0292 - RESEARCH OF THE EFFECTS OF SCIENCE EDUCATION BASED ON PREDICT - OBSERVE - EXPLAIN STRATEGY ON STUDENTS' SCIENCE PROCESS SKILLS AND SUCCESS <i>Elif Kara, Mehtap Yıldırım</i>
	A0340 - LEARNING SCIENCE BY ONLINE EXPERIENCE: GO-LAB <i>Hasan Ozgur Kapıcı, Ton De Jong, Hakan Akçay</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 6	CHAIRS: Yüksel Altun - Mehmet Altan Kurnaz
	A0386 - THE USE OF DRAMA METHOD IN 7TH GRADE SCIENCE AND TECHNOLOGY COURSE SOLAR SYSTEM AND BEYOND: SPACE PUZZLE UNIT <i>Ayşe Gül (Çirkinoğlu) Şekercioğlu, Gamze (Yılmaz) Akkuş</i>
	A0396 - ASSESSING COMPONENTS OF THE SCIENCE AND NONSCIENCE UNIVERSITY STUDENTS' MOTIVATION TO LEARN SCIENCE <i>Yüksel Altun, Sevda Serin</i>
	A0399 - OPINIONS OF PRE-SERVICE SCIENCE TEACHERS ON THE CHEMISTRY LABORATORY II <i>Hülya Kahyaoğlu, Zehra Molu, Ela Ayşe Köksal</i>
	A0400 - EXPERIMENTS IN TURKISH CHEMISTRY EDUCATION: A REVIEW OF RESEARCH <i>Ela Ayşe Köksal, Hülya Kahyaoğlu</i>
	A0415 - INVESTIGATION OF TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE OF SCIENCE TEACHER CANDIDATES <i>Hafife Bozdemir, Sevcan Candan, Ebru Ezberci Çevik, Mehmet Altan Kurnaz</i>
	A0416 - DETERMINATION OF THE EMOTIONAL INTELLIGENCE OF TEACHER CANDIDATES STARTED DIFFERENT DEPARTMENTS <i>Bircan Ünlü, Ebru Ezberci Çevik, Mehmet Altan Kurnaz</i>

SESSION IV: May 20, 2016 – Friday (16:00 – 17:30)

MEETING ROOM 7	CHAIRS: Cenk Keşan - Ali Temurtaş
	A0392 - EXAMINING THE ATTITUDES ACCORDING TO VARIOUS VARIABLES TOWARDS THE TEACHING PROFESSION OF ELEMENTARY MATH TEACHER CANDIDATES <i>Cenk Keşan, Yusuf Erkuş, Mehmet Çağlar Coşar, Deniz Kaya</i>
	A0393 - CLASSIFICATION OF THE QUESTIONS IN 8TH, 9TH AND 10TH GRADE MATHEMATICS TEXTBOOK WITH RESPECT TO THE COMPETENCY LEVELS OF PISA <i>Cenk Keşan, Yusuf Erkuş, Mehmet Çağlar Coşar, Deniz Kaya</i>
	A0402 - THE REFLECTION OF 8TH GRADE STUDENTS' STATISTICAL THINKING PROCESS <i>Nadide Yılmaz, Bahar Özüdoğru</i>
	A0403 - THE REFLECTION OF PRE-SERVICE TEACHERS' CONTENT KNOWLEDGE RELATED TO HISTOGRAMS <i>Nadide Yılmaz</i>
	A0408 - A COMPARISON OF ARITHMETIC AND ALGEBRAIC PROBLEM SOLVING STRATEGIES USING LOGISTIC REGRESSION <i>Ramazan Gürbüz, Ali Temurtaş</i>
	A0427 - FOSTERING MATHEMATICAL COMMUNICATION IN PRIMARY MATHEMATICS CLASSROOM: A STUDY ON CLASSROOM TEACHERS <i>Defne Kaya, Sertel Altun</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 1	CHAIRS: Hikmet Sürmeli - Ümit Duruk
	A0461 - RIASEC-BASED CONTENT ANALYSIS OF PRESERVICE SCIENCE TEACHERS' INDIVIDUAL INTEREST IN SCIENCE-RELATED ACTIVITIES THEY DEVELOPED FOR TEACHING PRACTICES <i>Ümit Duruk, Abuzer Akgün, Fuat Tokur</i>
	A0462 - PRESERVICE SCIENCE TEACHERS' VIEWS ON THE SOCIAL RESPONSIBILITY OF SCIENTISTS <i>Ümit Duruk, Abuzer Akgün, Fatma Gülsuyu</i>
	A0466 - ACADEMIC POTENTIAL BELIEFS AND FEELINGS OF PRESERVICE TEACHERS IN TERMS OF SEVERAL FACTORS <i>Ümit Duruk, Abuzer Akgün, Ceylan Doğan</i>
	A0290 - DETERMINATION OF NOS IDEAS BY MEANS OF PSEUDOSCIENTIFIC SCENARIOS <i>Mehpare Saka, Hikmet Sürmeli</i>
	A0380 - ETHICAL DISCUSSIONS IN SCIENCE THROUGH SOCIO-SCIENTIFIC ISSUES <i>Aysun Öztuna Kaplan</i>
	A0482 - PRESERVICE CLASSROOM TEACHERS' BIOETHICAL PERCEPTIONS <i>Gülbin Özkan, Ünsal Umdu Topsakal</i>
	A0488 - PORTFOLIO ASSESSMENT OF SCIENCE LABORATORY : THE SAMPLE OF CONCEPT PERCEPTION <i>Nisa Yenikalayci</i>
	A0489 - BIOETHICS IN SCIENCE EDUCATION <i>Gülbin Özkan, Ünsal Umdu Topsakal</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 2	CHAIRS: Sabah Selmaoui - Gökhan Özdemir
	A0067 - MOROCCAN TEACHERS' CONCEPTIONS ON FOOD EDUCATION <i>Sabah Selmaoui, Anouar Alami, Boujemaa Agorram, Salah-eddine Khzami, Abdelaziz Razouki, Student. Fatima Ezzahra Ait Yahia , Mustafa Aarfaoui</i>
	A0085 - THE HISTORY OF ASTRONOMY IN MUSLIM CIVILISATION, FOR EDUCATING MOROCCAN FUTUR SCIENCE TEACHERS TO SCIENTIFIC THINKING IN HARMONY WITH THEIR CULTURAL IDENTITY <i>Abdelaziz Razouki, Salah-eddine Khzami, Boujemaa Agorram, Sabah Selmaoui, Mustaapha Arfaoui</i>
	A0049 - REMEDYING MISCONCEPTIONS OF 8TH GRADE STUDENTS ABOUT THE CONCEPTS OF EVAPORATION AND BOILING THROUGH CONCEPTUAL CHANGE TEXTS <i>Merve Özdemir, Gökhan Özdemir</i>
	A0050 - TEACHING METHODS OF SCIENCE TEACHERS ACCORDING TO STUDENTS' VIEWS <i>Asli Kaygin, Gökhan Özdemir</i>
	A0051 - COHESIVENESS IN YOUNG CHILDREN'S MULTIMODAL SCIENCE REPRESENTATIONS: THE SEPARATE AND INTERACTING ROLES OF CONTENT AND ORGANIZATION OF THAT CONTENT <i>Deborah Linebarger, Ted Neal, Nathan Quarderer</i>
	A0056 - COLLABORATION FOR CHANGE: A CASE STUDY OF A PHYSICS PROFESSOR <i>Will Stoll</i>
	A0144 - COORDINATION LEVEL AMONG THE CHEMISTRY TEACHING CURRICULUM OF PEDAGOGICAL UNIVERSITY AND GENERAL SECONDARY EDUCATION IN MOZAMBIQUE <i>Djabrú Manuel, António Madeira</i>
	A0145 - TOMATO PRODUCTION IN POWDER: A TOMATO CONSERVATION TECHNOLOGY TO SUPPORT THE COMMUNITIES AND METHODOLOGICAL PROPOSAL FOR CHEMISTRY CONTEXTUALIZED EDUCATION <i>Djabrú Manuel, Gerre Sithole</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 3	CHAIRS: Božidar Tepeš - Elizabeth Kersey
	A0070 - CAUSAL SEM OF MATHEMATICAL COMPETENCES IN ELEMENTARY EDUCATION <i>Božidar Tepeš, Ivan Mrkonjić, Gordana Paić, Krunoslav Tepeš</i>
	A0076 - CAUSAL SEM OF MATHEMATICAL COMPETENCES IN TEACHER EDUCATION <i>Božidar Tepeš, Marija Juričić Devčić, Maja Katarina Tomić, Krunoslav Tepeš</i>
	A0027 - EFFECTS OF AFFECTIVE CHARACTERISTICS ON MATHEMATICS PERFORMANCE OF PISA 2012 IN KOREA AND USA: QUANTITATIVE ANALYSIS AND SUGGESTIONS <i>Seohee Park, Yejun Bae</i>
	A0036 - USE OF TEXTBOOKS AND ONLINE HOMEWORK SYSTEMS IN APPLIED CALCULUS <i>Murat Akarsu, Brooke Max, Elizabeth Kersey, Lane Bloome, Elizabeth Souza, Andrew Hoffman</i>
	A0037 - PRESERVICE TEACHERS' ASSESSMENT OF KINDERGARTEN STUDENTS' UNDERSTANDING OF SUBTRACTION PROBLEMS <i>Murat Akarsu, Lizhen Chen</i>
	A0135 - EFFECT OF TEACHERS' PROFESSIONAL DEVELOPMENT FROM MATHFORWARD™ ON STUDENTS' MATH ACHIEVEMENT <i>Kristina Hill, Ali Bicer, Robert Capraro</i>
	A0151 - STRUCTURAL MODEL OF BELIEFS, CONCEPTUAL KNOWLEDGE AND EXPERIENCE AMONG TRAINEE MATHEMATICS TEACHERS <i>Mazlini Adnan, Effandi Zakaria, Mohd Hairi Ibrahim</i>
	A0116 - COMPARISON ALTERNATIVE ASSESSMENT METHODS USED IN TURKEY AND UNITED STATES ELEMENTARY 4TH GRADE MATHEMATICS: PROJECT BASED PERFORMANCE TASK <i>Mehmet Demir, Ugur Basbogaoglu, Cynthia A. Tananis, Keith W. Trahan</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 4	CHAIRS: Mustafa Şahin Bülbül - Güliz Aydın
	A0180 - ADAPTATION OF TEACHER EFFICACY AND ATTITUDES TOWARD STEM (T-STEM) SURVEY INTO TURKISH <i>Yasemin Tas, Sündüs Yerdelen, Nurcan Kahraman</i>
	A0210 - IMPLEMENTATION OF DEVELOPED STEM ACTIVITIES IN SCIENCE COURSES <i>Fulya Konca, Güliz Aydın</i>
	A0235 - STEMLESS EDUCATION <i>Mustafa Şahin Bülbül</i>
	A0286 - INVESTIGATION OF THE LEVEL OF INTERESTS OF SECONDARY STUDENTS IN STEM CAREER FIELDS <i>Erhan Külekci, Ayşegül Ergün</i>
	A0267 - IMPROVING PROSPECTIVE SCIENCE TEACHERS' INTEGRATED STEM TEACHING COMPETENCIES <i>Serhat Ercan</i>
	A0296 - COMPARISON OF MATH AND SCIENCE AND TECHNOLOGY SCORES IN TEOG AND SCHOOL SCORES <i>Özlem Görür, Mehmet Özaslan</i>
	A0401 - STEM CAREER INTEREST OF LOW SOCIOECONOMIC STUDENTS <i>Sündüs Yerdelen, Nurcan Kahraman, Yasemin Taş</i>
	A0411 - MOTIVATED STRATEGIES FOR LEARNING IN SCIENCE, ENGINEERING AND MATHEMATICS COURSES <i>Aytaç Göğüş, Nihat Gökhan Göğüş</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 5	CHAIRS: Ayşe Oğuz Ünver - Canan Nakiboğlu
	A0406 - PROBING HIGH SCHOOL STUDENTS' COGNITIVE STRUCTURE ABOUT PHYSICAL AND CHEMICAL CHANGES THROUGH WORD ASSOCIATION TEST <i>Canan Nakiboğlu</i>
	A0407 - INVESTIGATION OF UNIVERSITY CHEMISTRY STUDENTS' MENTAL MODELS OF METALLIC BONDING AND STRUCTURE OF METAL <i>Canan Nakiboğlu</i>
	A0270 - SCIENTIFIC COLLABORATION NETWORK OF ACADEMICIANS IN METU <i>Ilker Türker, Fatih Gökçe, Serhat Orkun Tan</i>
	A0280 - APPLICATIONS OF DAILY LIFE BASED SCIENCE EDUCATION TECHNOLOGY SUPPORT <i>Canan Altundağ, Murat Altundağ</i>
	A0274 - EXPERIENCING INQUIRY WITH KINDERGARTEN: SCIENCE FOR KIDS <i>Ayşe Oğuz Ünver, Sertaç Arabacıoğlu, Hasan Zühtü Okulu</i>
	A0299 - BRING COSMOS INTO THE CLASSROOM: 3D HOLOGRAM <i>Hasan Zühtü Okulu, Ayşe Oğuz Ünver</i>
	A0302 - 7TH GRADE STUDENTS' VIEWS REGARDING ENRICHED EDUCATIONAL PRACTISES WITHIN THE SCIENCE COURSES <i>Şahin İdin, Cemil Aydoğdu</i>
	A0304 - INVESTIGATION OF INTER-DISCIPLINARY FOR TEACHERS AND ADMINISTRATORS OF VIEWS BETWEEN TEACHING APPROACH <i>Asuman İlk, Ela Ayşe Köksal, Hülya Kahyaoğlu</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 6	CHAIRS: Kemal İzci - Veysel Demirer
	A0249 - THE INVESTIGATION OF THE USABILITY OF WEB-BASED ASSIGNMENT SYSTEM <i>Tolga Erdoğan, Osman Gazi Yildirim, Harun Çiğdem</i>
	A0273 - MOTION CAPTURE AND GREEN SCREEN TECHNOLOGIES IN HIGHER EDUCATION <i>Büşra Zorba Elçin, Tuba Özarfat</i>
	A0277 - OPINIONS AND ATTITUDES OF PROSPECTIVE TEACHERS FOR THE USE OF TECHNOLOGY IN EDUCATION <i>Fatma Alkan, Canan Koçak Altundağ</i>
	A0279 - ASSESSMENT OF SECONDARY SCHOOL STUDENTS' SAFE INTERNET USAGE AND METACOGNITIONS <i>Murat Altundağ, Canan Altundağ</i>
	A0285 - RANKING THE INTERNET USAGE PURPOSES OF INDIVIDUALS IN TURKEY WITH MULTIMOORA METHOD <i>Asli Çaliş, Cevriye Temel Gencer</i>
	A0287 - TECHNOLOGY INTEGRATED CLASSROOMS FOR KINDERGARTEN ENGLISH LANGUAGE LEARNERS <i>Rahime Filiz Kiremit</i>
	A0289 - PRESERVICE TEACHERS' PERCEPTIONS OF EQUITABLE ASSESSMENT: A METAPHORICAL STUDY <i>Kemal İzci, Rahime Filiz Kiremit</i>
	A0300 - INVESTIGATION OF MOBILE AUGMENTED REALITY APPLICATIONS <i>Veysel Demirer, Çağdaş Erbaş</i>

SESSION V: May 21, 2016 – Saturday (08:30 – 10:30)

MEETING ROOM 7	CHAIRS: Fitnat Köseoğlu - Aysun Öztuna Kaplan
	A0422 - FOR THE FIRST TIME IN TURKEY: BILMER PROJECT SCHOOL-SCIENCE CENTER COLLABORATION <i>Fitnat Köseoğlu, Eray Şentürk, Uygar Kanli</i>
	A0431 - THE EFFECT OF ENTERTAINING EDUCATIONAL MATERIALS ON STUDENTS SCIENCE COURSE METAPHORS <i>Zerrin Tok, Sema Altun Yalçın, Paşa Yalçın</i>
	A0433 - BILMER PROJECT - SCIENCE EXPLAINER SURVEY <i>Eray Şentürk, Semra Tahancalio, Uygar Kanli, Fitnat Köseoğlu</i>
	A0452 - ATTITUDES OF PRE-SERVICE SCIENCE TEACHERS TOWARDS THE AIM OF SCIENCE EXPERIMENTS <i>Ela Ayşe Köksal, Fulya Öner Armağan</i>
	A0441 - AN INVESTIGATION ON PROSPECTIVE BIOLOGY TEACHERS' COGNITIVE SCHEMATA RELATED WITH THE CONCEPT OF "SCIENCE CENTER" <i>Ipek Pirpiroğlu, Semra Mirici, Fitnat Köseoğlu</i>
	A0332 - INVESTIGATION OF THE EFFECT OF ROBOTIC APPLICATIONS IN ELEMENTARY EDUCATION <i>Sibel Açışli</i>
	A0333 - INVESTIGATION OF TEACHERS' PERSPECTIVES FOR ROBOTIC APPLICATIONS <i>Sibel Açışli</i>
	A0453 - MOTHERS EVALUATE AN ACTIVITY AIMED AT ENDEARING SCIENCE IN THE OUT-OF-SCHOOL LEARNING ENVIRONMENT: SCIENCE WITH MY MOTHER <i>Aysun Öztuna Kaplan, Ragıp Çavuş</i>

SESSION VI: May 21, 2016 – Saturday (16:00 – 17:30)

MEETING ROOM 1	CHAIRS: Erhan Ertekin - Alattin Ural
	A0132 - 6TH GRADES STUDENTS' ALGEBRAIC THINKING SKILLS <i>Alattin Ural</i>
	A0305 - CONCEPTIONS OF PRE-SERVICE MATHEMATICS TEACHERS RELATED TO THE BASE CONCEPT <i>Tuğba Horzum, Erhan Ertekin</i>
	A0146 - A CASE STUDY ABOUT DIDACTICAL PREFERENCES OF TWO FACULTY MEMBERS WHO LECTURE THE SAME SUBJECT IN TWO DIFFERENT PROGRAMS <i>Betül Karaduman, Ahmet Doğanay, Sedat Uçar</i>
	A0110 - ANALYSIS OF 10TH GRADE TEXTBOOK FUNCTIONS UNIT CONTENT WITH ANTHROPOLOGICAL THEORY OF DIDACTICS <i>Mustafa Gök, Abdulkadir Erdoğan</i>
	A0272 - INVESTIGATION OF THE PROPORTIONAL REASONING LEVELS IN SEVENTH GRADE STUDENTS <i>Mustafa Gök</i>
	A0115 - EXPLORING THE RELATIONSHIP BETWEEN PRE-SERVICE TEACHERS' MATHEMATICAL BELIEFS AND THEIR INITIAL TEACHING PRACTICES WITHIN REAL-CLASSROOM SETTING <i>Ümit KUL, Sedef ÇELİK</i>
	A0121 - REFLECTIONS FROM MATHEMATICS TEACHING PROCESS INTO REAL-CLASSROOM SETTING <i>Sedef ÇELİK, Ümit KUL</i>

SESSION VI: May 21, 2016 – Saturday (16:00 – 17:30)

MEETING ROOM 2	CHAIRS: Emin Aydın - Mehtap Köse Ulukök
	A0007 - IMPROVING THE LEARNING BEHAVIOR BY DESIGNING PROTOTYPE METHOD AT GEOTECHNICAL ENGINEERING EDUCATION <i>Mehmet Inanc Onur, Mustafa Tuncan, Burak Evirgen, Ahmet Tuncan</i>
	A0078 - INVESTIGATION OF THE INFLUENCE OF PRE-SCHOOL EDUCATION ON THE SUCCES LEVELS OF UNDERGRADUATE STUDENTS IN ENGINEERING FACULTY <i>Emel Dokur Mermerdaş, Kasim Mermerdaş</i>
	A0087 - ANALYZING AGENT FUNCTION DESIGN TEACHING IN ELECTRICAL ENGINEERING EDUCATION <i>Mehtap Köse Ulukök, Özcan Demirel</i>
	A0088 - SIMPLE AND EFFICIENT BI-COLOR PATH FOLLOWING ROBOT CONTROL ALGORITHM TEACHING IN ELECTRICAL ENGINEERING EDUCATION <i>Mehtap Köse Ulukök, Burak Özyurtcu, Cem Gül, Özcan Demirel</i>
	A0184 - AN INVESTIGATION OF THE INNOVATION PERCEPTIONS OF ENGINNEERING STUDENTS IN A HISTORY OF SCIENCE AND TECHNOLOGY WORKSHOP <i>Mehmet Ali Çorlu, Emin Aydın</i>
	A0268 - MIDDLE SCHOOL STUDENTS' ENGINEERING DESIGN EXPERIENCE: "HOW ENGINEERS SOLVE THE PROBLEMS?" <i>Serhat Ercan, Esra Bozkurt Altan, Nurhan Öztürk Geren</i>

SESSION VI: May 21, 2016 – Saturday (16:00 – 17:30)

MEETING ROOM 3	CHAIRS: Nuri Nakiboğlu - Dursun Yağız
	A0131 - PRE-SERVICE PRIMARY TEACHERS AND PRE-SERVICE SCIENCE TEACHERS' VIEWS AND EXPERIENCES REGARDING TEACHING PROCESS IN PLANETARIUM: THE SAMPLE OF POLATLI CITY SCIENCE CENTER AND ULUG BEY PLANETARIUM <i>Filiz Demirci, Pinar Özdemir Şimşek</i>
	A0199 - PRIMARY SCHOOL TEACHER EDUCATION STUDENTS' VIEWPOINTS ON VEGETATIVE SATATE <i>Ramazan Çeken</i>
	A0200 - SPIRAL DESIGN OF "MICROSCOPE-USE" IN TURKISH SCIENCE CURRICULUM <i>Ramazan Çeken</i>
	A0463 - UNIVERSITY STUDENTS' UNDERSTANDING OF DENSITY AND CONCENTRATION: A CROSS-LEVEL INVESTIGATION <i>Nuri Nakiboğlu, Canan Nakiboğlu</i>
	A0465 - AN INVESTIGATION OF UNIVERSTY CHEMISTRY STUDENTS' UNDERSTANDING OF PRECIPITATION TITRATIONS AND RELATED CONCEPTS THOROUGH VEE-DIAGRAMS <i>Nuri Nakiboğlu, Canan Nakiboğlu</i>
	A0467 - TEACHERS' VIEWS ON MEASUREMENT AND EVALUATION OF THE SCIENCE AND TECHNOLOGY COURSE <i>Cemile Manav Kaşıkçı, Dursun Yağız</i>

SESSION VI: May 21, 2016 – Saturday (16:00 – 17:30)

MEETING ROOM 4	CHAIRS: Evgenios Avgerinos - Ian Whitacre
	A0159 - VARIATIONS ON OPEN PLAY WITH INTERACTIVE COMPUTER SIMULATIONS AND THEIR IMPLICATIONS FOR STUDENTS' OPPORTUNITIES TO CONTRIBUTE TO MATHEMATICAL DISCUSSIONS <i>Ian Whitacre</i>
	A0329 - MAXIMIZING THE GAINS OF COMPUTER ASSISTED INSTRUCTION IN MATHEMATICS TEACHING <i>Philomina Ifeanyi Onwuka</i>
	A0347 - TEACHING CONCEPTS AND USE OF HIGH-ORDER COGNITIVE STRATEGIES IN MATHEMATICS AMONG SECONDARY SCHOOL TEACHERS <i>Effandi Zakaria, Norhidayah Addenan, Siti Mistima Maat</i>
	A0391 - CREATING REAL LEARNING EXPERIENCES RATHER THAN TEACHING BASED ON THE TRADITIONAL TRANSFER OF MATHEMATICAL INFORMATION, AT COLLEGE LEVEL. <i>Elizabeth Mena Avilés, Ana Gema Guevara Aguilar, Ernesto Save Moreno, Roberto Rosas Rangel</i>
	A0451 - MULTIPLE REPRESENTATIONS AS A KEY TOOL FOR THE DEVELOPMENT OF STUDENTS' SELF-CONFIDENCE IN MATHEMATICS: THE CASE OF FRACTIONS <i>Evgenios Avgerinos, Roza Vlachou</i>
	A0455 - FORMATIVE ASSESSMENT SYSTEMS FOR MATHEMATICS-USING MULTIPLE CHOICE QUESTIONS AS OPEN-ENDED QUESTIONS AND HOW DISTRACTORS CAN HELP ASSESS STUDENT'S COGNITIVE LEVEL <i>Evgenios Avgerinos, Athanasios Karageorgiadis</i>

SESSION VI: May 21, 2016 – Saturday (16:00 – 17:30)

MEETING ROOM 5	CHAIRS: Fatma Aslan-Tutak - Hasan Dilek
	A0429 - LEARNING TO TEACH STEM: CHANGE IN CHEMISTRY AND MATHEMATICS PRESERVICE TEACHERS' BELIEFS ABOUT NATURE OF MATHEMATICS <i>Fatma Aslan-tutak, Sevil Akaygun, Secil Tezsezen</i>
	A0434 - AN INVESTIGATION OF TEACHERS' VIEWS ABOUT THE INTEGRATION OF SCIENCE AND TECHNOLOGY INTO TEACHING MATHEMATICS <i>Ceylan Şen, Zeynep Sonay Ay</i>
	A0438 - EFFECTS OF EARLY CHILDHOOD STEM ACTIVITIES TO THE CHILDREN'S PROBLEM-SOLVING SKILLS <i>Hasan Dilek, Adem Taşdemir, Ahmet Sami Konca, Serdal Baltacı</i>
	A0439 - STEM ACTIVITIES IN EARLY CHILDHOOD EDUCATION: THE CONCEPT OF FORCE <i>Adem Taşdemir, Hasan Dilek, Serdal Baltacı, Ahmet Sami Konca</i>
	A0511 - THE PROBLEM BASED STEM APPLICATIONS REGARDING "MATTER AND HEAT" SUBJECTS <i>Fatma Kamuran Girgin, Güliz Aydın</i>
A0510 - STUDENTS' OPINIONS ON COMPUTER-AIDED CONCEPTUAL CHANGE APPLICATIONS <i>Güliz Aydın</i>	

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 1	CHAIRS: Selahattin Arslan - Zülfiye Zeybek
	A0435 - A DETERMINATION OF TEACHERS' PEDAGOGICAL CONTENT KNOWLEDGE TO RATIO AND PROPORTION <i>Zeynep Sonay Ay, Ceylan Şen</i>
	A0437 - SIR CUMFERENCE SERIES (A MATH ADVENTURE): TURKISH MATHEMATICS EDUCATION PROGRAMS' COMPATIBILITY OF TALES BOOKS <i>Mihriban Hacisalihoğlu Karadeniz</i>
	A0440 - RELATIONSHIP BETWEEN CONCEPTUAL AND PROCEDURAL LEARNING: THE CASE OF GENERAL MATHEMATICS COURSE <i>Ilknur Özpınar, Selahattin Arslan</i>
	A0443 - PROPERTIES OF EDUCATIONAL GAMES FOR MATHEMATICS: IOS APPLICATIONS FOR ARITHMETIC OPERATONS <i>Ayfer Alper, Ihsan Balkan</i>
	A0468 - DESIGN AND EVALUATION OF THE DYNAMIC MANIPULATIVE AND ACTIVITIES IN PROBABILITY EDUCATION <i>Tuba Ada, Selçuk Alkan</i>
	A0478 - GAINING PATTERN SKILLS IN EARLY CHILDHOOD MATHEMATICAL DEVELOPMENT <i>Feride Gök Çolak, Adalet Kandir</i>
	A0483 - MIDDLE SCHOOL STUDENTS' USE OF REPRESENTATIONS FOR PROPER FRACTIONS <i>H. Bahadır Yanık, Osman Bağdat</i>
	A0073 - PRODUCTIVE STRUGGLE IN A GEOMETRY COURSE <i>Zülfiye Zeybek</i>

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 2	CHAIRS: Ong Eng Tek - Kathy L. Malone
	A0153 - GENDER DIFFERENCES IN CONSTRUCTIVIST APPROACH TO HIGH SCHOOL STUDENTS' COMPREHENSION OF ELECTROCHEMISTRY CONCEPTS <i>Kwaku Darko Amponsah, Chukunoye Enunuwe Ochonogor</i>
	A0154 - IMPACT OF A CONSTRUCTIVIST APPROACH TO LEARNING ON HIGH ACHIEVING STUDENTS' COMPREHENSION OF ELECTROCHEMISTRY CONCEPTS <i>Kwaku Darko Amponsah, Chukunoye Enunuwe Ochonogor</i>
	A0309 - THE DEVELOPMENT AND VALIDATION OF A MALAYSIAN-BASED BASIC SCIENCE PROCESS SKILLS TEST <i>Ong Eng Tek, Norjuhana Mesman, Sabri Mohd Salleh, Siti Eshah Mokshein, Nik Azmah Nik Yusuff, Yeam Koon Peng</i>
	A0373 - INTERNATIONAL DOCTORAL STUDENTS' EXPERIENCES OF PROFESSIONAL DEVELOPMENT IN A SOUTHEASTERN URBAN UNIVERSITY OF UNITED STATES <i>Azhar Qureshi, Kadir Demir</i>
	A0097 - MODELING BIOLOGY INSTRUCTION – LEADERS IN SCIENCE EDUCATION (MOBILISE): A PROGRESS REPORT <i>Peter Olesen Lund, Kathy L. Malone, Zakee L. Sabree, Kathleen A. Harper, Karen Irving, Anita Schuchardt</i>
	A0103 - WHAT DO 6TH GRADE STUDENTS THINK ABOUT THEIR LEARNING ENVIRONMENT IN SCIENCE CLASSES? <i>Esra Çağında, Gökhan Özdemir</i>
	A0123 - NETWORKING WITH NEW TECHNOLOGIES IN TRAINING OF SCIENCE TEACHERS: A CASE STUDY FROM THE LAYOUT TO THE REFLECTION <i>Maria Kalathaki</i>
	A0212 - EXAMINING THE TRANSFER OF LANGUAGE FROM SCIENCE TO MATH WRITING: AS AN EPISTEMIC TOOL <i>Ali Cikmaz, Yejun Bae, Brian Hand, Kyong Mi Choi</i>
	A0207 - IMPLEMENTATION OF THE INFORMATION AND COMMUNICATION TECHNOLOGY IN LEARNING <i>Azir Aliu, Artan Luma, Halil Snopce</i>

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 3	CHAIRS: Ahmet Afyon - Ebru Z. Mugaloglu
	A0383 - TEACHERS' IDEAS ABOUT THE BENEFITS AND CHALLENGES OF TEACHING CLIMATE CHANGE THROUGH EVIDENCE-BASED THINKING <i>Gaye Defne Ceyhan, Ebru Z. Mugaloglu</i>
	A0398 - PRE-SERVICE TEACHERS' PLAUSIBILITY PERCEPTIONS AND UNDERSTANDING OF GLOBAL CLIMATE CHANGE <i>Gaye Defne Ceyhan, Ebru Zeynep Muğaloğlu</i>
	A0278 - EXAMINATION OF HIGH SCHOOL STUDENTS' ENVIRONMENTAL ATTITUDES ACCORDING TO THEIR SELF EFFICACY BELIEFS <i>Canan Koçak Altundağ, Ayşem Seda Önen</i>
	A0404 - INVESTIGATING THE ECOLOGICAL FOOTPRINTS OF PROSPECTIVE TEACHERS <i>Safa Özgürler, Arzu Cansaran</i>
	A0494 - EXAMINATION OF PRESERVICE TEACHERS' ATTITUDES TOWARDS SUSTAINABLE ENVIRONMENT IN TERMS OF VARIOUS VARIABLES <i>Burcu Uğurlu, Ayhan Çinici, Nihat Şireci</i>
	A0495 - EXAMINING THE RELATIONSHIP BETWEEN TEACHERS' SELF-EFFICACY BELIEFS, ACADEMIC SELF-EFFICACY BELIEFS, EPISTEMOLOGICAL BELIEFS, AND LEARNING STRATEGIES FOR BIOLOGY TEACHER CANDIDATES <i>Duygu Gülev, Beril Akin</i>
	A0497 - INVESTIGATING THE EFFECT OF ANALOGY BASED 5E INSTRUCTIONAL MODEL ON 7TH GRADE STUDENTS' ACADEMIC ACHIEVEMENT IN THE UNIT OF ELECTRICITY <i>Abuzer Akgün, Ümit Duruk, Hacı Mehmet Çoban</i>
	A0520 - THE EFFECT OF USE OF THE RUBRIC TRAINING IN SCIENCE EDUCATION ON TEACHER PERCEPTIONS AND APPLICATIONS REGARDING MEASUREMENT AND EVALUATION <i>Yıldız Korkmaz, Ahmet Afyon</i>

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 4	CHAIRS: Erdoğan Halat - Cemalettin Yıldız
	A0417 - PROSPECTIVE MATHEMATICS TEACHERS' VIEWS ABOUT THE EXAMS IN HIGHER EDUCATION <i>Cemalettin Yıldız</i>
	A0397 - INVESTIGATION OF MATHEMATICS TEACHERS' VIEWS ABOUT IMPROVING PROBLEM SOLVING SKILLS <i>Cemalettin Yıldız</i>
	A0418 - PERSPECTIVES OF UNDERGRADUATE STUDENTS ABOUT POSTGRADUATE EDUCATION <i>Cemalettin Yıldız, Resul Göl</i>
	A0419 - MIDDLE AND SECONDARY SCHOOL STUDENTS' APPROACHES TO COMPUTER AND INTERNET <i>Mustafa Serkan Abdüsselam, Cemalettin Yıldız, Resul Göl</i>
	A0420 - THE EXAMINATION OF 7TH GRADE STUDENTS' ACHIEVEMENTS IN MATHEMATICAL PATTERNS <i>Mihriban Hacisalihoğlu Karadeniz, Cemalettin Yıldız</i>
	A0271 - THE INVESTIGATION OF 6TH GRADE STUDENTS' PROBLEM POSING PROCESSES ON ANGLES <i>Tuğba Şengül Akdemir, Elif Türnüklü</i>
	A0288 - THE INVESTIGATION OF THE USABILITY OF WEB-BASED MATHEMATICS TESTING SYSTEM <i>Adnan Balci, Osman Gazi Yıldırım, Harun Cigdem, Suleyman Ok</i>
	A0322 - THE IMPACTS OF ANXIETY AND SELF-EFFICACY BELIEFS OF STUDENTS ON THE ACHIEVEMENT LEVELS ABOUT READING AND INTERPRETATION OF GRAPHS <i>Erdoğan Halat, Firdevs Çimenci Ateş</i>

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 5	CHAIRS: M. Sencer Çorlu - Utkun Aydın
	A0330 - THE PLACE OF THE HISTORY OF MATHEMATICS IN THE SIXTH GRADE TEXTBOOKS <i>Ömer Şahin, Kani Başibüyük, Yasın Soylu</i>
	A0341 - PROSPECTIVE ELEMENTARY SCHOOL TEACHERS' PROBLEM POSING SKILLS IN ADDITION-SUBTRACTION WITH NATURAL NUMBERS <i>Ömer Şahin, Murat Başgöl, Bilal Öncü</i>
	A0345 - VOICES FROM MATHEMATICS TEACHERS: WHAT DID THEY HAVE EXPERIENCED IN THEIR EARLY CAREER? <i>Özge Keskin, M. Sencer Çorlu</i>
	A0371 - THE RELATIONSHIP BETWEEN THE AMOUNT OF LEARNING AND TIME (THE EXAMPLE OF EQUATIONS) <i>Cenk Keşan, Deniz Kaya, Gökçe Ok, Yusuf Erkuş</i>
	A0348 - PROSPECTIVE ELEMENTARY MATHEMATICS TEACHERS' CONTEXTUAL, CONCEPTUAL, AND PROCEDURAL KNOWLEDGE: ANALYSIS OF SELECTED ITEMS FROM THE PISA <i>Utkun Aydın Aydın, Meriç Özgeldi</i>
	A0360 - EXAMINING PROBLEM POSING SKILLS OF PROSPECTIVE MATHEMATICS TEACHERS ON ALGEBRAIC EXPRESSIONS <i>Ömer Şahin, Bilal Öncü</i>
	A0372 - THE EFFECT OF TIME ON LEARNING DIFFICULTIES (THE EXAMPLE OF PROBLEM SOLVING WITH NATURAL NUMBERS) <i>Deniz Kaya, Cenk Keşan</i>
	A0374 - THE PSYCHOMETRIC PROPERTIES OF TEMA—3 IN A SAMPLE OF TURKISH PRESCHOOLERS <i>Kerem Avcı, Mesut Saçkes</i>

SESSION VII: May 21, 2016 – Saturday (17:30 – 19:30)

MEETING ROOM 6	CHAIRS: Ahmet Oğuz Aktürk - Kadriye Filiz Balbal
	A0480 - EXAMINATION OF THE PRIMARY TEACHER CANDIDATES' TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE (TPACK) COMPETENCIES AS TO DIFFERENT VARIABLES <i>Akin Karakuyu, Yunus Karakuyu, Yusuf Ay</i>
	A0485 - STUDENT VIEWS WITH REGARD TO THE WEB-BASED PROBLEM SOLVING METHOD <i>Bariş Emlek, Ahmet Oğuz Aktürk</i>
	A0486 - A STUDY ON UNIVERSITY STUDENTS' VIEWS CONCERNING ONLINE EXAMS <i>Ahmet Oğuz Aktürk, Bariş Emlek</i>
	A0490 - EFFECT OF DIFFERENT TECHNOLOGY EDUCATIONAL TAKEN TEACHERS AND NUMBER OF THIS EDUCATIONAL TO PERCEPTIONS OF TEACHERS' TECHNOLOGICAL PEDAGOGICAL KNOWLEDGE, TO PERCEPTION OF TOWARDS ACCESS TECHNOLOGICAL INSTRUMENTS AND TO PERCEPTION OF SUPPORT TOWARDS USING TECHNOLOGICAL INSTRUMENTS <i>Özhan Karaca, İlhan Varank</i>
	A0061 - THE EFFECT OF COMPUTER-ASSISTED INSTRUCTION IN PRESCHOOL ON ACADEMIC SUCCESS <i>Nilüfer Okur Akçay</i>
	A0062 - A GAME DESIGN INTENDED TO TEACH TURKISH TO FOREIGNERS: KARNİYARIK <i>Ahmet Akçay, Adem Özkan</i>
	A0515 - EXAMINATION OF ADOLESCENTS' COPING WAYS WITH CYBERBULLYING <i>Ömer Gökdemir, Ahmet Oğuz Aktürk</i>
	A0517 - FUZZY LOGIC BASED MCCARTHY LEARNING STYLE INFERENCE SYSTEM <i>Kadriye Filiz Balbal, Naciye Mülayim, Ali Özdemir, Ayşegül Alaybeyoğlu</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 1	CHAIRS: Atıla Yıldırım - Nejla Gürefe
	A0477 - PROSPECTIVE MATHEMATICS TEACHERS' KNOWLEDGE OF HISTORY OF MATHEMATICS AND THEIR OPINIONS ABOUT THE USE OF HISTORY OF MATHEMATICS IN MATHEMATICS EDUCATION <i>Fatih Taş, Muharrem Aktümen, Fahrettin Aşıcı</i>
	A0038 - GESTURES OF HEARING-IMPAIRED HIGH SCHOOL STUDENT ON DESCRIPTION PROCESS POLYGONS AND PROPERTIES <i>Nejla Gürefe, Ahmet Arikan</i>
	A0045 - COLLEGE STUDENTS' PERCEPTIONS OF LEARNING MATHEMATICS AND USING COMPUTERS <i>Tolga Gök</i>
	A0068 - MEAN, MEDIAN AND MODE FROM A DECISION PERSPECTIVE IN A PROBLEM SOLVING LESSON <i>Esra Balgalmış</i>
	A0516 - EVALUATION OF SUPERVISOR TEACHERS ACCORDING TO OPINIONS OF MATH TEACHER CANDIDATES <i>Abdullah Sürücü, Ali Ünal, Atıla Yıldırım</i>
	A0115 - EXPLORING THE RELATIONSHIP BETWEEN PRE-SERVICE TEACHERS' MATHEMATICAL BELIEFS AND THEIR INITIAL TEACHING PRACTICES WITHIN REAL-CLASSROOM SETTING <i>Ümit Kul, Sedef Çelik</i>
	A0121 - REFLECTIONS FROM MATHEMATICS TEACHING PROCESS INTO REAL-CLASSROOM SETTING <i>Sedef Çelik, Ümit Kul</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 2	CHAIRS: Muhammet Demirbilek - Osman Gazi Yıldırım
	A0066 - TEACHING THROUGH THE BLENDED MODE OF LEARNING: BENEFITS, ISSUES AND CHALLENGES <i>Fatima Dar</i>
	A0530 - A CENTRIPETAL DISCIPLINE AND A CENTRIPETAL FORCE FOR MEANINGFUL EDUCATION AND WORLD PEACE– STEM, EDUCATORS, HUMANISTS, AND SOCIAL SCIENTISTS IN THE CLASSROOM <i>Osayimwense Osa</i>
	A0531 - USING THE POWER OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) TO ENHANCE TEACHING AND LEARNING IN SCHOOLS IN AN EMIRATE IN UAE: A STUDY REPORT <i>Justina O. Osa, Lee Edward Waller</i>
	A0215 - FOREIGN LANGUAGE TEACHING WITH AUGMENTED REALITY APPLICATION <i>Niyazi Gündoğmuş, Gökhan Orhan, İsmail Şahin</i>
	A0063 - DIGITAL LOGIC DESIGN TEACHING MODULE DESIGN FOR BASIC BOOLEAN OPERATIONS <i>Kamil Yurtkan</i>
	A0514 - APPLICATIONS OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) IN ENGLISH TEACHING: AN OVERVIEW <i>İsmail Şahin, Gökhan Orhan</i>
	A0176 - TRAINING PRESERVICE TEACHERS WITH A SAFE ENVIRONMENT: SIMSCHOOL <i>Muhammet Demirbilek</i>
	A0248 - STUDENT PERCEPTIONS IN A FLIPPED OPERATING SYSTEMS COURSE <i>Osman Gazi Yıldırım, Tolga Erdoğan, Harun Çiğdem</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 3	CHAIRS: Ali Eraslan - Yıldıray Keskin
	A0358 - HAAR WAVELET OPERATIONAL MATRIX METHOD FOR SOLVING DIFFERENTIAL EQUATIONS BY MAPLE CODE <i>Pinar Kalin, Murat Akkuş, Yıldıray Keskin</i>
	A0263 - INVESTIGATING TEACHER CANDIDATES' KNOWLEDGE STRUCTURES ABOUT QUADRILATERALS BY THE METHOD OF USING CONCEPT MAPS <i>Tuğba Horzum</i>
	A0266 - PRE-SERVICE MATHEMATICS TEACHERS PERCEPTIONS ON THE CONCEPT OF VISUALLY IMPAIRED INDIVIDUAL <i>Tuğba Horzum</i>
	A0275 - A COMPARISON AMONG STUDENT TEACHERS' PERCEPTION ON MATHEMATICS LITERACY SELF-EFFICACY: NORTH CYPRUS EXAMPLE <i>Sarem Özdemir, Vasfiye Karabiyik</i>
	A0323 - THE INFLUENCE OF GENDER, TEOG EXAM SCORES AND SOCIO-ECONOMIC STATUS ON THE ACCOMPLISHMENT OF STUDENTS REGARDING READING AND INTERPRETATION OF THE FREQUENCY POLYGON AND HISTOGRAM <i>Erdoğan Halat, Firdevs Çimenci Ateş</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 4	CHAIRS: Tahir Atıcı - Seyit Ahmet Kiray
	A0469 - THE EFFECT OF CONCEPTUAL CHANGE TEXTS ON STUDENTS' UNDERSTANDING OF SCIENCE CONCEPTS: A META-ANALYSIS STUDY <i>Isil Koc, Burcu Gelen</i>
	A0349 - 9TH GRADES BIOLOGY COURSE IDENTIFYING THE FORMATION LEVELS OF THE ACQUISITION OF SCIENCE- TECHNOLOGY- SOCIETY- ENVIRONMENT (STSE) AMONG STUDENTS <i>Tahir Atıcı, Semra Öz</i>
	A0353 - EFFECT OF THE MEDIA FOR CHOOSING THE DEPARTMENT OF BIOLOGY EDUCATION AND TEACHERS CANDIDATES' ACADEMIC ACHIEVEMENT <i>Tahir Atıcı</i>
	A0359 - LITERATURE REVIEW ABOUT THE CONCEPT OF GRAVITY IN SCIENCE EDUCATION <i>Numan Bademli, Seyit Ahmet Kiray</i>
	A0365 - THE EFFECT OF USING DRAMA ON PRE-SERVICE SCIENCE TEACHERS' UNDERSTANDING OF ASTRONOMY CONCEPTS <i>Behiye Akçay, Seda Usta Gezer</i>
	A0377 - DEVELOPMENT OF SCIENTIST IMAGE SCALE FOR PRE-SERVICE TEACHERS: THE VALIDITY AND RELIABILITY STUDY <i>Mustafa Metin, Şeyma Ulukök Yıldırım</i>
	A0378 - THE EFFECT OF ANIMATION ASSISTED ACTIVITIES ABOUT 'STRUCTURE AND PROPERTIES OF MATTER' ON STUDENTS' MOTIVATION AND ATTITUDES TOWARDS SCIENCE <i>Şeyma Ulukök Yıldırım, Kadriye Bayram, Ebru Aydın, Mustafa Metin</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 5	CHAIRS: Tahir Gür - Meriç Özgeldi
	A0501 - INVESTIGATION OF TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE AND SELF-REGULATION OF THE PRIMARY TEACHER CANDIDATES <i>Ismail Kenar, Halil Ibrahim Demir</i>
	A0346 - A GENERAL VIEW OF COMPUTER FORENSICS EDUCATION IN TURKEY: EXIGENCE OF COMPUTER FORENSICS AND ITS EDUCATION <i>Merve Orakci</i>
	A0384 - AN EDUCATIONAL APPLICATION OF 3D PRINTING TECHNIQUE USED FOR INSOLE PRODUCTION <i>Hasan Kemal Surmen, Faruk Ortes, Yunus Ziya Arslan</i>
	A0379 - EXAMINING THE DIFFERENT VARIABLES OF SELF-EFFICACY BELIEFS OF TURKISH LANGUAGE TEACHERS RELATED TO USAGE OF COMPUTER AND TECHNOLOGY <i>Tahir Gür</i>
	A0361 - IDENTIFYING CONSTRUCTS OF WEBQUEST LEARNING AS PERCEIVED BY PROSPECTIVE ELEMENTARY TEACHERS THROUGH DESIGN PROCESS <i>Meriç Özgeldi, Ilker Yakın</i>
	A0363 - EVALUATING THE LOYALTY OF CUSTOMERS WHO USE THE GSM OPERATORS WITH DATA MINING ACCORDING TO EDUCATIONAL STATUS <i>Asli Çalış, Kamil Çelik, Cevriye Temel Gencer</i>
	A0155 - MUSCULOSKELETAL STRAIN EXPERIENCED BY SECONDARY AND HIGH SCHOOLS STUDENTS DURING TABLET COMPUTER USE FOR EDUCATIONAL PURPOSES <i>Elif Binboğa Yel, Banu Numan Uyal, Orhan Korhan</i>
	A0364 - USABILITY AND PERFORMANCE ANALYSIS OF MEB WEBSITE <i>Mehmet Sevri, Sedat Hakyemez</i>

SESSION VIII: May 22, 2016 – Sunday (08:30 – 10:30)

MEETING ROOM 6	CHAIRS: İsmail Şahin - Ursula Walsh
	A0321 - DIFFUSION OF M-LEARNING: SAKARYA UNIVERSITY CASE <i>Naciye Güliz Uğur, Tuğba Koç</i>
	A0357 - HARNESSING THE POWER OF SOCIAL MEDIA IN ACADEMIC ENVIRONMENT <i>Naciye Güliz Uğur, Aykut Hamit Turan</i>
	A0019 - ADDITIONAL MOBILE LEARNING IN AN INCLUSIVE UNIVERSITY SETTING <i>Ursula Walsh</i>
	A0519 - INTERACTIVE WHITEBOARD USE IN EDUCATIONAL ENVIRONMENTS: RESEARCHS AND TRENDS <i>Mustafa Tevfik Hebeci, İsmail Çelik, İsmail Şahin</i>
	A0130 - GAME PROGRAMMING TO ELIMINATE THE DIFFICULTIES IN LEARNING FOUR BASIC OPERATIONS <i>İnayet Hakkı Çizmeci, Davut Alan, Şakir Taşdemir</i>
	A0522 - AN EXAMPLE STUDY FOR TEACHING ALGORITHM STRUCTURE USING GAMES IN COMPUTER SCIENCES <i>Davut Alan, Şakir Taşdemir</i>
	A0052 - TRANSFERING GAME HABITS TO NEW TECHNOLOGIES IN EDUCATION <i>Süleyman Burçin Şuyun, Şakir Taşdemir, Selahattin Alan</i>
	A0513 - VARIABLES THAT PREDICT PERCEPTIONS OF PARENTS ABOUT THEIR OWN CHILDREN'S LEVELS OF INTERNET ADDICTION <i>Ahmet Oğuz Aktürk, Sena Köksoy</i>

SESSION IX: May 22, 2016 – Sunday (10:30 – 11:30)

MEETING ROOM 1	CHAIRS: İsmail Çelik - Selahattin Alan
	A0015 - DOES SHADOW EDUCATION AGGRAVATE INEQUALITY OF EDUCATIONAL OUTCOMES <i>Yongmei Hu, Wenfeng Fan, Weili Ding</i>
	A0018 - THE IMPACT OF PRE-PRIMARY SCHOOLING ON FUTURE MATHEMATICAL ACHIEVEMENT FROM AN INTERNATIONAL PERSPECTIVE: A QUANTITATIVE ANALYSIS BASED ON PISA DATA <i>Yipeng Tang, Weiyi Wang, Yongmei Hu</i>
	A0138 - SIXTH GRADE STUDENTS VIEWS ON COMPUTER ASSISTED MATHEMATICS EDUCATION <i>Gökhan Ucar, Ayten Pinar Bal, Muzaffer Sencer Özsezer</i>
	A0140 - THE REPRESENTATIONS OF PRE-SERVICE ELEMENTARY TEACHERS APPLIED IN SOLVING NON-ROUTINE MATHEMATICAL PROBLEMS <i>Ayten Pinar Bal</i>
	A0342 - EXPLORING THE GRAPHS OF FUNCTIONS USING THE JIGSAW APPROACH <i>Vijayanthi Vijayan, Masitah Shahrill, Nor'arifahwati Abbas, Abby Tan</i>
	A0343 - THE DEVELOPMENT OF STUDENTS' MATHEMATICAL SKILLS IN THE EVALUATION OF NUMERICAL EXPRESSIONS INVOLVING ORDER OF OPERATIONS <i>Erna Sukinnah Ali Rahman, Masitah Shahrill, Nor'arifahwati Abbas, Abby Tan</i>

SESSION IX: May 22, 2016 – Sunday (10:30 – 11:30)

MEETING ROOM 2	CHAIRS: Musa Dikmenli - Osman Çardak
	A0491 - VIEWS OF SCIENCE TEACHER CANDIDATES ON TEACHING A LESSON IN LABORATORY AND EXAMINATION OF THE EXPERIMENTS WHICH THEY IMPROVE <i>Sibel Demir Kaçan</i>
	A0492 - MICROSCOPE USAGE INFORMATION: SAMPLE OF SCIENCE TEACHER CANDIDATES <i>Sibel Demir Kaçan</i>
	A0317 - CONCEPTUAL FRAMEWORKS OF SCIENCE STUDENT TEACHERS ABOUT GLOBAL ENVIRONMENTAL PROBLEMS <i>Osman Çardak, Musa Dikmenli</i>
	A0319 - ANALYSIS OF ANALOGIES USED IN NEW TENTH GRADE BIOLOGY TEXTBOOKS <i>Musa Dikmenli, Osman Çardak</i>
	A0324 - SCIENCE STUDENT TEACHERS' CONCEPTIONS ABOUT CHROMOSOMES: A DRAWING ANALYSIS <i>Osman Çardak, Musa Dikmenli</i>
	A0524 - PRESERVICE SCIENCE TEACHERS' CONCEPTUAL FRAMEWORKS REGARDING GRAVITY <i>Seyit Ahmet Kiray</i>
	A0525 - PRESERVICE SCIENCE TEACHERS' CONCEPTUAL FRAMEWORKS REGARDING DENSITY <i>Seyit Ahmet Kiray</i>

SESSION IX: May 22, 2016 – Sunday (10:30 – 11:30)

METING ROOM 3	CHAIRS: Greet Schoofs - Ömer Tayfur Öztürk
	A0086 - MOTIVATING HEALTH AND SOCIAL CARE STUDENTS TO CHOOSE A CAREER IN GERONTOLOGY THROUGH INNOVATIVE EDUCATION <i>Greet Schoofs, Alice Coffey, Andrea Stitzel, Panagiota Sourtzi, Tihomir Žiljak</i>
	A0315 - THE EFFECTS OF THE NATURE OF SCIENCE ACTIVITIES ON THE NATURE OF SCIENCE AND SCIENTIFIC EPISTEMOLOGICAL FAITHS OF PRE-SCHOOL TEACHER CANDIDATES. <i>Mustafa Uğraş, Erol Çil</i>
	A0316 - THE DETERMINATION OF THE THINKS OF PRE-SCHOOL TEACHERS TOWARDS SCIENCE PROCESS SKILLS AND LEVELS OF USING THE BASIC SCIENCE PROCESS SKILLS <i>Mustafa Uğraş, Erol Çil</i>
	A0335 - LIFELONG LEARNING TENDENCIES OF ACADEMICIANS <i>Hasan Özgür, Fatma Akgün, Cem Çuhadar</i>
	A0409 - A LABORATORY ACTIVITY BASED ON PREDICTION-OBSERVATION-EXPLANATION (POE) METHOD: SALT <i>Gonca Harman, Aytekin Çökelez, Hilmiye Betül Süer</i>
	A0410 - DETERMINATION OF THE SCIENCE TEACHER CANDIDATES' UNDERSTANDING LEVEL OF SCIENCE PROCESS SKILLS: EXAMPLE OF THE STRENGTH OF THE ELECTROMAGNET <i>Gonca Harman, Aytekin Çökelez</i>
	A0528 - INVESTIGATION OF OPINIONS OF PRE-SERVICE TEACHERS REGARDING ONLINE CASE STUDY LIBRARY (FATIH2023.NET) <i>Ismail Çelik, Ismail Şahin</i>
	A0529 - THEORETICAL FRAMEWORKS IN THE ADOPTION OF MOBILE LEARNING <i>Ismail Çelik</i>

POSTER PRESENTATIONS**May 19, 2016**

May 19, 2016	
CONFERENCE LOBBY HALL	A0043 - OBSERVATION OF RELATIONSHIPS BETWEEN THE SELF-REGULATED LEARNING SKILLS AND INTERNET USAGE SELF-EFFICACY WITH THE APPLICATIONS OF IUVRILAB <i>Fatma Gülay Kirbaşlar, Elif Ince, Zeliha Özsoy Güneş, Yavuz Yaman</i>
	A0044 - AN EXAMINATION OF PARENTS' INVOLVEMENT AND SUPPORT FOR THEIR CHILDREN IN MATHEMATICS AND SCIENCE <i>Judith Monsaas, Tugce Gul, Rosalind Barnes-fowler</i>
	A0083 - FOSTERING PRIMARY SCHOOL STUDENTS' METACOGNITION USING PROJECT-BASED LEARNING <i>Milica Pavkov-hrvojević, Dušanka Obadović, Stanko Cvjetičanin, Ivana Bogdanović</i>
	A0084 - FUTURE TEACHERS' KNOWLEDGE ABOUT EPIGENETICS: PERSISTENCE OF GENETIC DETERMINISM CONCEPTIONS <i>Boujemaa Agorram, Moncef Zaki, Sabah Selmaoui, Salah-eddine Khzami, Abdelaaziz Razouki, Mustapha Arfaoui</i>
	A0093 - BIODIVERSITY IN MOROCCANS TEXTBOOKS: IMPLICATIONS FOR ACTION-ORIENTED ENVIRONMENTAL EDUCATION <i>Mustapha Arfaoui, Boujemaa Agorram, Salah-eddine Khzami, Sabah Selmaoui, Abdelaaziz Razouki</i>
	A0099 - BOTANICAL CLASSIFICATION AND BIODIVERSITY: WHAT RELATIONSHIP IN TEXTBOOKS OF MOROCCO <i>Lhoussaine Maskour, Anouar Alami, Boujemaa Agorram, Moncef Zaki</i>
	A0104 - CHILDREN'S CONCEPT ABOUT SURFACE ORIENTATION OF LIQUIDS <i>Marija Bošnjak Stepanović, Milica Pavkov-hrvojević, Dušanka Obadović</i>
	A0444 - DETERMINING THE MENTAL MODELS OF THE 6TH GRADE STUDENTS ABOUT THE SUBJECT OF "PHYSICAL AND CHEMICAL CHANGES" <i>Hasene Esra Yildirir, Hatice Demirkol</i>
	A0413 - VIEWS OF THE STUDENTS OF THE FACULTY OF EDUCATION ABOUT THEIR BELIEFS RELATED TO LEARNING <i>Hasene Esra Yildirir, Ayşe Gül (Çirkinoğlu) Şekercioğlu</i>



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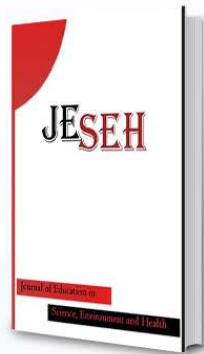
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