



ANADOLU ÜNİVERSİTESİ



TÜRK SERAMİK  
DERNEĞİ

**seres'11**

II. INTERNATIONAL CERAMIC, GLASS, PORCELAIN  
ENAMEL, GLAZE AND PIGMENT CONGRESS  
10 - 12 OCTOBER 2011



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***SERES'11, II. INTERNATIONAL CERAMIC, GLASS, PORCELAIN ENAMEL, GLAZE  
AND PIGMENT CONGRESS, 10-12 OCTOBER 2011, ESKİŞEHİR-TÜRKİYE***

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<b>10.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Atatürk Cultur Center (AKM)</b>	
08:30–09:45	Registration	
09:45–10:30	Opening Ceremony	<b>Alpagut KARA, Chairman</b>
		<b>Tolun VURAL, Turkish Ceramic Society (TSD)</b>
		<b>Zeynep BODUR, Turkish Ceramic Federation (TSF)</b>
		<b>Davut AYDIN, Rector, Anadolu University</b>
		<b>Sponsors Plaquette Ceremony</b>
10:30–10:45	Tea-Coffee Break	
<b>KEYNOTE SPEECHES</b>		
10:45–11:30	“The Role of Universities in the Research-Technology Development-Innovation Processes of Industries: Ceramic Sector Experience” <b>H. MANDAL (INVITED)</b>	
11:30–12:15	“Confrontational Ceramics or a Global Career” <b>J. SHWARDZ (INVITED)</b>	
12:15–13:00	“Ceramic Colorants: What Does It Change With Digital Decorations” <b>M. DONDI (INVITED)</b>	
13:00–14:00	Lunch	

<b>10.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Anadolu</b>
<b>Session 1</b>	<b>GEPOLYMER AND CEMENT</b>
14:00–14:30	“Geopolytile: Ecofriendly Ceramic Tile Development by Geopolymerization” <b>F. KARA (INVITED)</b>
14:30–14:45	“SrO-Mn <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -MgO-ZrO <sub>2</sub> -SiO <sub>2</sub> (SMFMZS) System Glasses in Portland Cement Concrete” <b>K. KILINÇ, A. Y. TOPKAYA, M. TUNCAN, B. KARASU, T. KAVAS</b>
14:45–15:00	“Investigation of Pure Cement Phase (C4AF) Hydration under Magnetic Field” <b>R. İŞLER, H. SATILMIŞ, T. KAVAS</b>
15:00–15:30	“Uncertainties in Turkish Cement Industry” <b>M. ARIÖZ (INVITED)</b>
15:30–16:00	Tea-Coffee Break
16:00–16:15	“Investigation About The Suitability of Şaphane Alunite Ores for Geopolymer Production” <b>H. YILDIZAY, R. GÖREN, G. YANIK</b>
16:15–16:30	“The Effect of Curing Conditions on The Properties of Geopolymer Samples” <b>E. ARIÖZ, O. ARIÖZ, O. M. KOÇKARA</b>
<b>CONSTRUCTION STANDARDS</b>	
16:30–17:00	“International Standards on Ceramic Tiles, toward Quality, Sustainability, Competitiveness” <b>G. TIMELLINI (INVITED)</b>
17:00–17:30	“Standards in the Making: Competing Through Cooperation” <b>L. GALASSINI (INVITED)</b>

<b>10.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Blue</b>
<b>Session 1</b>	<b>PIGMENT</b>
14:00–14:15	“Spectroscopic Investigations and Luminescence Spectra of Dy <sup>3+</sup> Doped Lead Phosphate Glasses” <b>JM. A. MARZOUK</b> , M. A. OUIS, Y. M. HAMDY
14:15–14:30	“Technological Aspects of Application of Red Perovskite-type Pigment” <b>E. STOBIERSKA</b> , K. KUZMINSKA, M. M. BUCKO, J. LIS
14:30–15:00	“Inorganic Phosphorescent Pigments in Glass Applications”, <b>B. KARASU (INVITED)</b>
15:00–15:15	“Violet-blue and Yellowish-green Phosphorescent Pigments in Some Artistic Glasses” <b>H. EL-KAZAZZ</b> , E. KARACAOĞLU, B. KARASU, M. AGATEKİN
15:15–15:30	“Production of Nano Sized Black Cobalt-Ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) Pigments” <b>H. YÜNGEVİŞ</b> , E. ÖZEL
15:30–16:00	Tea-Coffee Break

<b>10.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Red</b>
<b>Session 1</b>	<b>ART</b>
14:00–14:30	“Great Seljuk Ceramics Providing Evidence to History” <b>G. ÖNEY (INVITED)</b>
14:30–14:45	“Anadolu University Ceramics of Museum of Cartoon Art” <b>S. AYGÜN</b>
14:45–15:00	“Pottery Wheels in Ceramic Art” <b>A. CANBOLAT, Z. ÇOBANLI</b>
15:00–15:30	“Narratives with Glass” <b>Masayo ODAHASHI (INVITED)</b>
15:30–16:00	Tea-Coffee Break

<b>10.10.2011</b>	<b>Anadolu University, Fine Arts Faculty</b>
16:00	<b>POSTER SESSION/POSTER</b>
P1	“The Use of Alternative Raw Material in Stoneware Glazes”, <b>M. ÇAKI</b> , S. Y. KAYA, B. KARASU, T. BAŞER
P2	“Effect of Spodumen Addition on Stain Resistance of the Porcelain Stoneware”, <b>T. AYDIN</b> , A. KARA
P3	“Effects of the Raw Materials on the Thermal Shock Behavior of Low Cement Castable”, <b>Ç. BAĞLAN</b> , Z. ASLANOĞLU
P4	“Compressive Strength of Geopolymers Made From Coal Ash”, <b>V. CONTE</b> , E. S. BISSARI, E. UGGIONI, A. M. BERNARDIN
P5	“Synthesis of ZnO Nanoparticles by Sol- Gel Technique: Influence of Precursor, Temperature and Dripping”, <b>B. M. SAVI</b> , L. RODRIGUES, E. UGGIONI, A. M. BERNARDIN
P6	“Tonality Variation in Silkscreen Tile Decoration”, <b>F. ELYSEU</b> , A. M. BERNARDIN
P7	“Ceramic Filter Production From Seydişehir Alumina”, <b>E. ÇELİK</b> , B. N. ÇETİNER, Z. E. ERKMEN
P8	“Utilization of Iron Oxide Rich Clays in Ceramic Tile Production”, <b>K. KAYACI</b> , M. UZUN, A. S. KÜÇÜKER
P9	“Production of Anorthite Heat- Insulating Ceramics From Mixtures of Fireclay and Recycled Paper Waste Sludge with Sawdust Addition”, <b>M. SUTCU</b> , S. AKKURT
P10	“Exchange Bias Systems for Memory Applications”, <b>O DENİZ</b> , M. ÖKSÜZOĞLU, M. YILDIRIM

<b>10.10.2011</b>	<b>Anadolu University, Fine Arts Faculty</b>
16:00	<b>POSTER SESSION/POSTER</b>
P11	“Preparation of Copper (II) Chloride for Underglaze Decoration”, <b>Z. METE</b> , İ. ÖZKAN, S. ACAR
P12	“Particle Size Analysis by Light Scattering to Control Ceramic Process”, <b>F. BONDIOLI</b> , M. HANUSKOVA, T. MANFREDINI
P13	“An Archaeometric Characterization of Ottoman Glazed Pottery Shards Excavated From Ayasuluk/ İzmir”, <b>M. OZCATAL</b> , A. İSSİ, M. YAYĞINGOL, A. KARA, S. TURAN, F. OKYAR, S.PFEIFFER
P14	“An Archaeometric Study on Late Byzantine Sgraffito Ceramics From İzmir”, <b>M. YAYGINGOL</b> , A. İSSİ, M. OZCATAL, A. KARA, S. TURAN, F. OKYAR, S.PFEIFFER
P15	“The Abrasion Resistance of Glazed Tiles- the Problem of Objective Assessment and Classification of the Degree of Resistance”, <b>M. GAJEK</b> , J. PARTKA
P16	“ An Investigation on The Diffusion Bonding Ability of B <sub>4</sub> C-Fe-Ni Ceramic-Metal Composite”, <b>A. EROL</b>
P17	“Using NbC to Reinforce Alumina Based Ceramics”, <b>W. ACCHAR</b>
P18	“An Investigation on the Brazing Ability of NiAl Intermetallics”, <b>A. EROL</b>
P19	“Methods for Producing Nanopowders”, <b>H. ŞEKER</b>
P20	“Advance of Superhydrophobic Surface Morphology”, <b>N. KUNDURACI</b> , F. KARA

<b>10.10.2011</b>	<b>Anadolu University, Fine Arts Faculty</b>
16:00	<b>POSTER SESSION/POSTER</b>
P21	“The Characterization of Some Gray Ceramic Findings”, <b>A. İSSİ</b>
P22	“Influence of Calcination Temperature and Concentration on Luminescent Properties of CaAl <sub>2</sub> O <sub>4</sub> : Eu <sup>3+</sup> , R <sup>+</sup> (R= Y, Dy, Nd) Nanophosphors Prepared by Combustion Method”, <b>O. SERINDAG</b> , Y. Z. HALEFOĞLU
P23	“Investigation of Effect of Titanium Dioxide on Optical Transmission and Crystallization of TiO <sub>2</sub> -SiO <sub>2</sub> -Na <sub>2</sub> O Glass at Silica Soda Ratio”, <b>M. GHAMARI</b>
P24	“Ceramizable silicone rubber composites”, <b>Z. PEDZICH</b> , M. ZARZECKA- NAPIERALA, D. M. BIELINSKI, R. ANYSZKA
P25	“Zeolite (Clinoptilolite) Composite Cements”, <b>B. YILMAZ</b> , E.TASCI
P26	“Production of High Z SiAlON- TiN Composites with Crystalline Intergranular Phase”, <b>O. DEMİR</b> , N. ÇALIŞ AÇIKBAŞ, F. KARA
P27	“Production and Characterisation of Fe-Mn Black Pigments for Porcelain Tile Bodies”, <b>B. TANIŞAN</b> , S. TURAN
P28	“New Ceramic Materials Based on High Amount of Pretreated Bottom Ashes From Municipal Solid Waste Incinerator”, <b>E. KARAMANOVA</b> , F. ANDREOLA, L. M. SCHABBACH, B. RANGUELOV, L. BARBIERI, A. KARAMANOV
P29	“CaO-MgO-SiO <sub>2</sub> Glass-Ceramic for LTCC Substrate Application”, <b>A. KILIÇ</b> , O. ADDEMİR, V. GUNAY
P30	“Effect of the Process Type on Photocatalytic Properties for Paint Application” <b>G. DEMİR</b> , M. GÜRBÜZ, B. ATAY, A. DOĞAN

<b>10.10.2011</b>	<b>Anadolu University, Fine Arts Faculty</b>
16:00	<b>POSTER SESSION/POSTER</b>
P31	“Seeing Small: An Aberration-Corrected STEM Study in SiAlON Ceramics”, <b>H. YURDAKUL</b> , S. TURAN
P32	“Effect of P <sub>2</sub> O <sub>5</sub> and MnO <sub>2</sub> on Crystallization of Zn-Mn Ferrites Glass Ceramics”, <b>M. MARZOUK</b>
P33	“Effect of Slip Rheology on the Morphology of Spray Dried SiAlON Granules”, <b>U. AKKAŞOĞLU</b> , A. KARA, F. KARA, P.DAĞ
P34	“Co-Pressing, Co-Sintering and Characterization of Bi-Metals”, <b>E. YALAMAÇ</b> , C. CARRY, S. AKKURT
P35	“Wollastonite as Sintering Aids in Tiles Manufacturing”, <b>M. HANUSKOVA</b>
P36	“The Glaze Glass and Tiles in the Egyptian Architecture”, <b>R. MOHAMED</b>
P37	“Contemporary Ceramic Art Ceramic Workshop Effects of and citizens in Europe workshop”, <b>Y. TANRIVERDI</b>
P38	“Sample of Plaster Decor Applied to Mud Surface”, <b>S. YILMAZ</b>
P39	“Ceramic Jeweleries as Details of Beauty”, <b>G. ÖZER</b> , S. SIBEL SEVİM
P40	“Investigation and Application of Masking Decorations on Ceramic Surfaces”, <b>S. SIBEL SEVİM</b> , H. İN

<b>10.10.2011</b>	<b>Anadolu University, Fine Arts Faculty</b>
16:00	<b>POSTER SESSION/POSTER</b>
P41	“The Historical Development of Open Work Methods in Ceramic Surface Measurement”, <b>M. POYRAZ</b> , Z. ÇOBANLI
P42	“Pottery in Elazığ-Uslu”, <b>P. BİÇİCİ</b>
P43	“The Use of Perlite in Ceramic Art Glazes as a Raw Material”, <b>İ. ŞENCAN TOSUN</b>
P44	“Decoration Applications Of The Pots Manufactured By Using The Raw Materials From Malatya”, <b>H. SERDAR MUTLU</b>
P45	“Duality in the Contemporary Turkish Ceramic Art Examples”, <b>G. ERBAY ASLITÜRK</b>
P46	“Effects of Today’s Kutahya Tile Paints in Raku Glazes and Firing”, <b>E. DURAL</b>
P47	“Respect the Master: Erdogan Ersen (A Monographic Conversation)” <b>G. ERBAY ASLITÜRK</b>
P48	“Produce Types of the Egyptian Glass Suitable for Sculptured Glass Tiles in Low Temperature”, <b>M. ZENHOUM</b>
P49	“Research of Shapes of the Second Half of 16th. Century Iznik Mosque Candles in Terms of Content”, <b>E. DEMİR TOSUNOĞLU</b>
P50	“Ceramic Toys”, <b>E. GÖNÜL</b> , C. SEVİM
P51	“Mask Culture and Ceramic Masks”, <b>O. İLTER</b> , S. SEVİM
P52	“Style In Ceramics Within The Historical Process and Its Contemporary Reflections”, <b>O. İLTER</b> , C. SEVİM

10.10.2011	Anadolu University, Fine Arts Faculty
16:00	<b>POSTER SESSION/POSTER</b>
P53	“Stamps Decoration on Wet Clay Surfaces and Sample of Contemporary Applications”, <b>S. SEVİM</b> , D. KAHRAMAN
P54	“Beril Anılanmert and Her Ceramics” <b>A. ÇETİN</b>
P55	“Artistic Effects of ETİ Bakir Copper Slag in Ceramic Surface” <b>N. KILINÇ MIRDALI</b>
P56	“Effect of Na <sub>2</sub> O/K <sub>2</sub> O Ratio on the Viscous Flow of Sanitaryware Glassy Phase and Deformation Behavior of Bodies”, <b>H. SARI</b> , S. KURAMA
P57	“Rainbow Technique”, <b>C. ATMACA</b>
P58	“Byzantine and Ottoman Glazed Pottery Excavated in Republic of Macedonia and Turkey. Comparison of the Mineralogical, Chemical and Manufacturing Characteristics” <b>I. NASTOVA</b> , O. GRUPCE, B. MINCEVA-SUKAROVA, A. RASKOVSKA, M. YAYGINGÖL, A. ISSI, F. OKYAR, A. KARA, S.TURAN
P59	The Use of Perlite as a Raw Material for casting Slip Body Preparation” <b>İ. Ş. TOSUN</b> , Z. METE
17:30 - 18:30	<b>Raku-Fish Ceramic Exhibition Opening Cocktail, Tepebaşı Municipality Culture House</b>
18:30 - 20:30	<b>Congress and Exhibition Opening Cocktail - New Distance Education Building (Yunus Emre Campus)</b>

<b>11.10.2011</b>	<b>Anadolu University, Yunussemre Campus–Congress Center/Room Anadolu</b>
<b>Session 1</b>	<b>GLAZES AND ENAMELS</b>
09:00 – 09:30	“Characterization of Traditional Ceramics Using Advanced Microscopy Techniques” <b>S. TURAN (INVITED)</b>
09:30 – 09:45	“Study of Functionality Cast Iron Enamels with Negative on Releasing Property and Characteristics Index” <b>L. CHEN, W. JIANG</b>
09:45 – 10:00	“Uses of Pumice as Glaze Composition and Investigation” <b>L. CİVAN, İ. TORE</b>
10:00 – 10:15	“Wettability Behavior of Anatase Ceramic Glazes” <b>W. B. TEZZA, M. SCARPATO, A. M. BERNARDIN</b>
10:15 – 10:30	“Effect of the Boron Frit to the Engobe Permeability” <b>S. AKSAN</b>
10:30 – 11:00	Tea-Coffee Break
	<b>INDUSTRIAL PRESENTATIONS</b>
11:00 – 11:20	“Dry Preparation of Ceramic Mixes” <b>A. BIANCHINI – LB S.p.A</b>
11:20 – 11:40	“Study of the Microstructure on the Surfaces of Floor Tiles with Non-slip Properties” <b>O. RUIZ – Terrocid Group</b>
11:40 – 12:00	“Innovation in Nano-Coating Technology” <b>S. ROSSI – Ancora Group</b>
12:00 – 12:20	“Influence and Comparison of Kaolin Properties on the Quality and Technical Parameters of Ceramic Tile Glazes” <b>P. CEDRIC – Imerys</b>
12:20 – 12:40	“Photocatalytic Coating” <b>S. ROSSI – Ancora Group</b>
12:40 – 13:00	“Wide Chromatic Spectrum Digital Inks” <b>J. CRESPO, Esmaltes S.A.</b>
13:00–14:00	Lunch

<b>11.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Blue</b>
<b>Session 1</b>	<b>GLASS CERAMICS</b>
09:00 – 09:30	“Rare Earth Doped Oxy-Fluoride Nano-Glass-Ceramics” A. P. MARTIN, F. MUNOZ, M. J. PASCUAL, <b>A. DURAN (INVITED)</b>
09:30 – 10 :00	“Glass-Ceramic Glaze Based on Raw Materials and Containing 7-10 % ZrO <sub>2</sub> ” <b>E. HAMZAWY</b> , S. A. EL-DEFRAWI, M. ABO-ELMAGD, H. H. SADEK <b>(INVITED)</b>
10:00 – 10:30	“Sintered Glass-Ceramics from Municipal Solid Waste Incinerator Ashes: Summary” <b>A. KARAMANOV (INVITED)</b>
10:30 – 11:00	Tea-Coffee Break
<b>Session 2</b>	<b>GLASS</b>
11:00 – 11:30	“Future Glass Research: Result of The ICG Roadmap Process” <b>K. BANGE (INVITED)</b>
11:30 – 11:45	“Photovoltaic Systems and Glass” <b>G. ALBAYRAK</b> , C. KAPLAN
11:45 – 12:00	“The Fiber Production from The SrO-Mn <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -MgO-ZrO <sub>2</sub> -SiO <sub>2</sub> (SMFMZS) System Glasses and Their Properties” <b>A. Y. TOPKAYA</b> , B. KARASU, E. DÖLEKÇEKİÇ, G. GUNKAYA, S. Y. KAYA
12:00 – 12:15	“Production Process and Essential Characterization of Bioglass 45S5” <b>B. N. ÇETİNER</b> , B. ERTUĞ, Z. E. ERKMEN
12:15 – 12:30	“The Influence of the Grain Size Distribution of Raw Materials on the Selected Surface Properties of Sanitary Glazes” <b>J. PARTYKA</b> , M. GAJEK
12:30 – 12:45	“Functional Design in Architectural Glasses Quantified Heat and Solar Control Glasses” <b>A. PARLAR</b> , S. TURKUZ
13:00–14:00	Lunch

<b>11.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Red</b>
<b>Session 1</b>	<b>ART</b>
09:00 – 09:15	“Investigation of Raku Glazes on Different Bodies” S. GENÇ, E. TAÇYILDIZ
09:15 – 09 :30	“ Development of Ceramic Whistles as Terracotta Toys in History and Their Production Today” E. H. V. MARTINEZ
09:30 – 09:45	“Investigation on The Usage of Balıkesir-Dursunbey Region Clay in Ceramic Bodies” L. KUBAT, Ş. KUBAT, M. ÇAKI
09:45 – 10:00	“Different Approaches Towards Nature and Art” Y. ZÜMRÜT, İ. AYDIN
10:00 – 10:30	“Ceramic Art What is next?” B. ANILANMERT (INVITED)
10:30 – 11:00	Tea-Coffee Break
11:00 – 11:15	“Imari Porcelains” Z. ÇOBANLI, E. ASLAN
11:15 – 11:30	“Open-Firing Technique in Sorkun Village, Gökeyüp Town and Usluköy Village in Turkey” H. BAŞKIRKAN
11:30 – 11:45	“Raw Materials and Metal Oxides That Might Bring About Health Problems in The Production of Ceramics” H. OKUMUŞ, A. ARCASOY
11:45 – 12:00	“Contemporary Ceramic Industry and Ceramic Surfaces Artistic Investigation and Application of Techniques Used in The New Press” S. SEVİM, D.KAHRAMAN, G.ÇAVDAR
12:00 – 12:15	“An Example for Use of Waste Ceramics Public Sphere: Chandigarh Rock Garden-India” S. SEVİM, E. AĞATEKİN
12:15 – 12:30	“The Irresistible Lightness of Glass” D. E. ŞEN
12:30 – 12:45	“An Approach to Create Application Fields for Modern Turkish Ceramic and Glass Design in Industry ” N. ARSLAN
12:45 – 13:00	“Artistic Ceramics Containing Paper Additive”, N. LERZAN ÖZER, A. KURŞUNCU
13:00–14:00	Lunch

<b>11.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Anadolu</b>
<b>Session 3</b>	<b>TILES</b>
14:00 - 14:30	“Characterization of Ceramic Bodies Trough Optical Techniques: Sintering Behavior, Pyroplasticity and Green Mechanical Properties” <b>M. PAGANELLI, D. SIGNIHOLFI, C. VENTURELLI (INVITED)</b>
14:30 – 15:00	“Multifunctional Surfaces for Ceramic Tile” <b>F. BONDIOLI (INVITED)</b>
15:00 – 15:30	“Future for Ceramics Industry in Thailand” <b>S. SIRISOONTHORN (INVITED)</b>
15:30 – 15:45	“Correlation of Pseudoboehmite Additions with Densification Behavior and Microstructure of Porcelain” <b>S. BRIBIESCA-VASQUEZ, O.AGUILAR-GARCIA, J. SERRATO-RODRIGUEZ</b>
15:45 – 18:45	Tea-Coffee Break
16:00 – 18:45	<b>WORKSHOP</b> <b>“Sustainability in Ceramic Industry: Greenhouse Gas Emissions to Environmental Labeling</b>
<b>20:00-22:00</b>	<b>CLOSING COCKTAIL (Eti Archeology Museum)</b>

<b>11.10.2009</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Blue</b>
<b>Session 3</b>	<b>GLASS</b>
14:00 – 14:15	“Ultraviolet, Visible, ESR and Infrared Spectroscopic Studies of CeO <sub>2</sub> Doped Lithium Phosphate Glasses and Effect of Gamma Irradiation” <b>M. A. MARZOUK</b> , H. A. ELBATALA, A. M. ABD ELGHANYB, F. M. EZZ ELDINC
14:15 – 14:30	“Detecting Glass Surface Corrosion with Image Processing Technique” <b>O. OKTAY</b> , M. BILGILI, H. DEMIR, R. AKDENIZ
14:30 – 15:00	“Climate Change and Its Reflections to European Glass Industry” <b>E. ÇAĞLAYAN (INVITED)</b>
15:00 – 15:15	“Glasses of TeO <sub>2</sub> -ZnO System for Fiber-Optic Applications” <b>U. CELAYİR</b> , M. CEREN, B. GÖNÜLHAN, P. JADİDİ, K.B. KAVAKLIOĞLU, K. SARAÇOĞLU, M. ÇELİKBİLEK, A. E. ERSUNDU, N. SOLAK. S. AYDIN
15:15 – 15:30	“Optical Properties of Rare Earth Doped Ca-SiAlON Glasses” <b>E. DÖLEKÇEKİÇ</b> , C. H. ORHUN, H. YURDAKUL, S. TURAN, M. J. POMEROY, S. HAMPSHIRE
15:30 – 18:45	Tea-Coffee Break
<b>20:00-22:00</b>	<b>CLOSING COCKTAIL (Eti Archeology Museum)</b>

<b>11.10.2009</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/ Room Red</b>
<b>Session 3</b>	<b>ART</b>
14:00–14:15	“400 year Tradition: Hagi Ceramics” <b>G. ÖZER</b> , Z. ÇOBANLI
14:15–14:30	“Variable Concept in Bathroom Design from Past to Present” <b>E. ASLAN</b>
14:30–15:00	"From Metalsmithing to Materialsmithing: Making Beyond Material" <b>B. J. THEIDE (INVITED)</b>
15:00–15:30	“Studio Pottery Summary” <b>S. ÇİZER (INVITED)</b>
15:30–16:00	Tea-Coffee Break
16:00 – 16:30	“Installation in The Context of Ceramic Fact and Conceptual Art But How and When?” <b>G. GÜNER (INVITED)</b>
16:30 – 16:45	“Christy Keeney: A Pioneer of Cubism in Ceramics” <b>D. O. ERMAN</b>
16:45 – 17:00	“Dressing Culture and Characteristics of Ottoman Tiles and Ceramics” <b>E. KANIŞKAN</b> , Z. ÇOBANLI
17:00 – 17:15	“Olive Green Oribe Ceramics” Z. ÇOBANLI, <b>B. D. KARAKAYA</b>
17:15 – 17:30	“Investigation of Ceramic Art Works in Contemporary Art According to Peter Osborne’s Conceptual” <b>G. ÖZER</b> , E. ŞÖLENAY
17:30 – 17:45	“Research and Investigation of Application Samples of Fenstration Method of Avanos Region Ceramics” <b>S. S. SEVİM</b> , <b>N. O. ÖNAL</b>
17:45 - 18:00	“Temmoku Glazes” S. GENÇ, <b>E. TAÇYILDIZ</b>
<b>20:00 - 22:00</b>	<b>CLOSING COCKTAIL (Eti Archeology Museum)</b>

<b>11.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Anadolu</b>
<b>Session 4</b>	<b>WORKSHOP</b> <b>“Sustainability in Ceramic Industry: Greenhouse Gas Emissions to Environmental Labeling</b>
16:00 - 16:15	“General framework of European Union Emission Trading System (EU ETS)” <b>M. MAKSI (INVITED)</b>
16:15 – 16:30	“Reflection on the Carbon Developments for Ceramic Industry” <b>A. AIELLO (INVITED)</b>
16:30 – 16:45	“CO <sub>2</sub> Emissions in the Ceramic Industry and Kyoto Protocol Implications” <b>E. MONFORT (INVITED)</b>
16:45 – 17:00	“Corporate Carbon Management, Product Carbon Footprint and Carbon Labeling” <b>H. KARA (INVITED)</b>
17:00 – 17:30	<b>PANEL DISCUSSION</b> Participants: G. SAATÇIOĞLU, M. MAKSI, E. MONFORT, A. AIELLO, H. KARA
17:30 – 17:45	“Low CO <sub>2</sub> -Emissions Technologies in the Ceramic Floor and Wall Tile Industry” <b>G. NASSETTI (INVITED)</b>
17:45- 18:00	“Opportunities for Ceramic Wares in Sustainable Buildings: Environmental Product Declarations” <b>H. KARA (INVITED)</b>
18:00 – 18:15	“EU Ecolabel and Its Criteria For Natural Stones, Clays and Ceramics” <b>B. TOKLUTEPE (INVITED)</b>
18:15 -18:45	<b>PANEL DISCUSSION</b> Participants: G. NASSETTI, H. KARA, B. TOKLUTEPE, E. GUIDUCCI
<b>20:00-22:00</b>	<b>CLOSING COCKTAIL (Eti Archeology Museum)</b>

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Anadolu</b>
<b>Session 1</b>	<b>PIEZOCERAMICS</b>
09:00 – 09:30	Piezoelectric Energy Harvesting” <b>A. DOĞAN (INVITED)</b>
09:30 – 09:45	“<001>- Fiber Textured $\text{KSr}_2\text{Nb}_5\text{O}_{15}$ Piezoelectric Ceramics and 1-3 Piezocomposites” <b>S. DURSUN, S. ALKOY</b>
09:45 – 10:00	“Molten Salt Synthesis of Anisometric Particles and Preparation of Textured Electroceramics with Anisotropic Properties” <b>S. ALKOY, S. DURSUN, M.Y. KAYA</b>
10:00 – 10:15	“Modified Lead-Free Potassium sodium Niobate and Their Electromechanical Properties” <b>A. BERKSOY, E. M. ALKOY</b>
10:15 – 10:30	“The Effect of Sm Doping on Electrical properties of $\text{BaTiO}_3$ ” <b>M. F. EBEOĞLUGİL, E. TAŞÇI, R. CEYLANTEKİN</b>
10:30 – 11:00	Tea-Coffee Break
<b>Session 2</b>	<b>RAW MATERIALS &amp; POWDER SYNTHESIS</b>
11:00 – 11:30	“Natural and Sythetic Raw Materials in Ceramic Manufacturing” <b>T. MANFREDINI (INVITED)</b>
11:30 – 11:45	“Synthesis of nanosized $\text{TiO}_2$ Particles Through Sol-Gel Route” <b>B. ATAY, A. DOĞAN</b>
11:45 – 12:00	“Photocatalytic Performance of $\text{TiO}_2$ Coated Ceramic Tiles” <b>M. GÜRBÜZ, B. ATAY, A. DOĞAN</b>
12:00 – 12:15	“Technical Properties of Doğanhisar (Konya) Clay” <b>İ. ÖZKAN, Z.METE, S. ACAR</b>
12:15 – 12:30	“Effect of Milling Microgranite in Manufacturing of Porcelain Stoneware Tile” <b>K. KAYACI</b>
12:30 – 13:00	“Clay Based Ceramic Processing” <b>A. ARAS (INVITED)</b>
13:00 – 14:00	Lunch

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Blue</b>
<b>Session 1</b>	<b>ENGINEERING CERAMICS</b>
09:00 – 09:15	“Dewatering Performance of Capillary Ceramic Filters” <b>O.ŞAN</b> , C.ÖZGÜR, B.AKIN, E. CANDAN
09:15 – 09:30	“Environmental Friendly Products Contain Hexagonal Boron Nitride” <b>G. M. AY</b> , N. AY
09:30 – 10:00	“Processing Issues, Microstructural Control and Properties of Carbon Nanotube Reinforced Alumina Ceramics for Various Applications” <b>C. KAYA (INVITED)</b>
10:00 – 10:15	“Sintering Behaviour and Mechanical Property Investigations of SiC Reinforced Cr <sub>3</sub> C <sub>2</sub> -NiCr Cermets” <b>A.ÖZER</b>
10:15 – 10:30	“A General Formulation for Strength Prediction of Advanced Ceramics by Ball on Three Balls (B <sub>3</sub> B) Test with Different Multiaxial Criteria” <b>S. NOHUT</b>
10:30 – 11:00	Tea-Coffee Break
11:00 – 11:15	“Ceramic Filter Production of Seydişehir Alumina” <b>E. ÇELİK</b> , B. N. ÇETİNER, Z.E.ERKMEN
11:15 – 11:30	“Investigation of the Production of β-Al <sub>2</sub> O <sub>3</sub> from Seydişehir α-Al <sub>2</sub> O <sub>3</sub> ” <b>S. ENGÜRLÜ</b> , Z. TAŞLIÇUKUR, N. KUŞKONMAZ
11:30 – 12:00	“Characterization Investigations of Some Boride Based Powder and Sintered Composites Mechanochemically Synthesized Using Elemental Powders” <b>L. ÖVEÇOĞLU (INVITED)</b>
12:00 – 12:30	“Stable Fracture Testing for Toughness Characterization of Ceramics” <b>C. BAUDIN (INVITED)</b>
12:30– 12:45	“Atomic scale Microstructure-Property Relationship in SiAlON” <b>S. TURAN</b> , N. C. AÇIKBAŞ, H. YURDAKUL, H. MANDAL, F. KARA, A. KARA
12:45 – 13:00	“Effect of Starting Materials on Carbothermal Reduction and Nitridation of Silica” <b>B. TARHAN</b> , H. MANDAL, F. KARA
13:00 – 14:00	Lunch

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Red</b>
<b>Session 1</b>	<b>SANITARYWARE</b>
09:00 – 09:15	“The Characteristic of Basic Properties of FFC and VC Bodies and Materials” <b>P. JANUSZ</b> , W. KRYSTYNA, M. GAJEK, W. LUKASZ
09:15 – 09:30	“Effect of Spodumene Addition on Pyroplastic Deformation of Sanitaryware Porcelain Body” <b>D. Y. TUNÇEL</b> , E. ÖZEL
09:30 – 09:45	“Effect of Pyrophyllite Additions on Physical Properties of Sanitaryware Ceramics” <b>A. AKBAY</b> , T. ELMAS
09:45 – 10:00	“Effect of Quartz Particle Size on Sintering and Technical Properties of Sanitaryware” <b>M. T. DADAY</b> , N. ÖZEN, E. DÖLEKÇEKİÇ
10:00 – 10:15	“Effect of Earth Alkaline on Firing Deformation of Sanitaryware” <b>N. ÖZEN</b> , B. TECEN, S. VARLI
10:15 – 11:00	Tea-Coffee Break
11:00 – 11:15	“Modifying the Surface Change of a Kaolin Ore for Slip Casting” <b>R. ESCUDERO</b> , S. L. BRIBIESCA, J. GUILLEN, F. TAVERA
11:15 – 11:30	“Elimination of Slurry Join Trail in the Sanitaryware Production” <b>U. ÇAKIR</b>
11:30 – 11:45	“Investigation of Interaction Between Slip Parameters and After Kiln Faults (casting faults) via Statistical Methods” <b>Y. KISACIK</b>
	<b>TRADITION &amp; DESIGN</b>
11:45 – 12:15	“The Traditional Turkish Art Ceramics: Çini” <b>İ. IŞIK (INVITED)</b>
12:15 – 12:30	“Device Design Which Painting, Drawing and Prototyping on the Traditional Kütahyaware and Ceramics” <b>E. CASİN</b> , B. YILMAZ
12:30 – 12:45	“Design Competitions: Focus on Ceramic Industry” <b>O. M. ÇOBANLI</b>
13:00 – 14:00	Lunch

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room 2003</b>
<b>Session 1</b>	<b>ART</b>
09:00 – 09:15	“From Potter’s Lathe To CNC Lathe” <b>G. GÜNER</b> , S. ÖDEKAN
09:15 – 09:30	“Dharavi Pottery” <b>L. DİLBAŞ</b> , F. ALTIN
09:30 – 09:45	“Use of Ready-Made Objects and Technology in Art and Its Reflection to the Art of Ceramics” <b>C. SEVİM</b> , G. BOZ
09:45 – 10:00	“The Concept of Kitsch and Its Connection to Ceramic Art” <b>P. Ş. ASLAN</b>
10:00 – 10:15	“Laser Printing Techniques in the Ceramic Art and its Contemporary Practitioners” <b>L. KALAY</b>
10:15 – 11:00	Tea-Coffee Break
<b>Session 2</b>	<b>ARCHEOLOGY</b>
11:00 – 11:30	“Late Antique Glass Production in the Agora of Smyrna” <b>B. GÜRLER (INVITED)</b>
11:30 – 12:00	“History of the Settlement of the Agora of Smyrna from Ceramic Artifacts” <b>A. ERSOY (INVITED)</b>
12:00 – 12:15	“An Overview into Glasswork in Medieval Byzantium from the Perspective of Intercultural Communication and Interaction “ <b>Z. ÇAKMAKCI</b>
12:15 – 12:30	“Deterioration on Ceramic Finds, Conservation and Restoration” <b>F. M. GÖKBEL</b>
12:30 – 12:45	“The Hellenistic and Roman Glassware from Karaman Museum” <b>E. M. DOKSANALTI</b> , M. TEKOC AK
12:45 – 13:00	“Terracotta Figurines Found in the Rescue Excavation of Mezitli/Kuyuluk (Mersin)” <b>E. M. DOKSANALTI</b> , <b>M. TEKOC AK</b>
13:00 – 14:00	Lunch

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Session 3

REFRACTORIES

14:00 - 14:30

“Challenges and Opportunities in Refractory Raw Material Research: Global Scenario” **S. K. DAS (INVITED)**

14:30 – 14:45

“Investigations of TiO<sub>2</sub> Addition as an antioxidizing Additives in MgO-C Bricks” **Ç. BAĞLAN, Z.ASLANOĞLU**

14:45 - 15:00

“Investigation of a New Raw Material and Additives to Improve Corrosion Performance of MgO-CaO based Refractories”  
**N. BİRİNCİ, T. KAVAS**

15:00 – 15:30

“Densification and Hydration Resistance of Refractories Developed From MgO-CaO System” **A. GHOSH (INVITED)**

15:30 -16:00

Tea-Coffee Break

16:00 – 16:30

The Effect of Nano Additives on Magnesia Based Refractories” **F. GOLESTANI-FARD (INVITED)**

16:30 – 16:45

“Production Mg-PSZ Foundry Nozzles By Injection Moulding” **Y. KILIÇ, E. GÜNAY, H. BAĞLAMA, V. GÜNAY**

16:45 – 17:00

“Post Mortem Study for Magnesia-Spinel Brick from Cement Rotary Kiln” **A. SESVER, B. ÖZDEMİR, M. TİMUÇİN**

17:00 – 17:15

“Investigation of the Influence of SnO<sub>2</sub> Incorporation on the Mechanical and Thermal Shock Behavior of MgO-Spinel Composite Refractories” **C. AKSEL, P. UĞUR**

17:15 – 17:30

“The Effect of Firing Temperature to Physical Properties in Andalusite Based Refractory Bricks” **A. ARPAÖZ, A. KAYA**

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room Blue</b>
<b>Session 3</b>	<b>THIN FILMS &amp; COATINGS</b>
14:00 – 14:30	“WC Coatings” <b>E. BENGÜ (INVITED)</b>
14:30 – 15:00	“Nitride Based Nano composite Coating for Tribological Applications” <b>M. ÜRGEN (INVITED)</b>
15:00 -15:30	“C-BN Coating of Tools and Dies” <b>B. KAFTANOĞLU (INVITED)</b>
15:30 – 16:00	Tea Coffee Break
16:00 – 16:30	“Applications and Fabrication Processes for MEMS Devices” <b>E. U. TEMOÇİN, G. DEMİRCİ (INVITED)</b>
16:30 – 16:45	“Synthesis and Electrophoretic Deposition of Nano-ZnO onto 3-D Filters” <b>C. NOBERİ</b>
16:45 – 17:00	“Processing of Pure and Copper Oxide Added Ferroelectric Potassium Sodium Niobate Thin Films” <b>E. MENŞUR-ALKOY, K. ÖZTÜRK, Y.SAYDAM</b>
17:00 – 17:30	“Materials and Processes in Microelectronic Device Packaging” <b>G. DEMİRCİ, B. KAPLAN, H. G. BAŞOL (INVITED)</b>
17:30 – 18:00	“Metal Oxide Thin Films for Un-Cooled IR Detectors” <b>R. M. ÖKSÜZOĞLU (INVITED)</b>
18:00 – 18:30	“Development of Double Layer Oxidation Protection SiC/Glass Coating for Graphite Materials” <b>Y. SAFAEI</b>

<b>12.10.2011</b>	<b>Anadolu University, Yunussemre Campus–Congress Center/Room Red</b>
<b>Session 3</b>	<b>ARCHEOMETRY</b>
14:00 – 14:30	“Nanoparticles in Ancient Materials: the Lustre Decorations of Medieval Ceramics” <b>P. SCIAU (INVITED)</b>
14:30 – 14:45	“Characterization of the Middle Bronze Age Potsherds from Seyitömer Mound” <b>E. TAŞCI</b> , R. CEYLANTEKİN, G. YANIK
14:45 – 15:00	“Nanopigment Applications in Iznik Tiles” <b>E. GÜNAY</b> , M. SARIGÜZEL, Ş. YILMAZ, I. AKBAYGİL
15:00 – 15:15	“Reproduction of Kubad Abad Palace Tile Bodies” <b>Ş. Y. YASTI</b> , N. AY
15:15 – 15:30	“Estimation of Firing Temperature of Ancient Potteries from Shahre Sukhte Region” <b>F. KHORASANIZADEH</b>
15:30 - 16:00	Tea Coffee Break
<b>Session 4</b>	<b>WASTE MANAGEMENT &amp; RECYCLING</b>
16:00 – 16:15	“Properties of Ceramic Tiles Containing Waste Materials” <b>N. U. KOÇKAL</b>
16:15 – 16:30	“Development of Ceramic Wall Tiles from Tincal Calcination Plant Waste” <b>H. ÇELİK</b>
16:30 – 16:45	“Usage Possibility of Chrome Enrichment Plant Waste in Floor Tile” <b>N. K. MİRDALI</b>
16:45 – 17:00	Utilization of Red Mud as a Pigment in the Production of Paving Stone, Curb Stone and Street Furniture” <b>Y. KILIÇ</b> , E. G. ARSLAN, M. KARA, N. YILMAZ, M. MARŞOĞLU, E. GÜNAY
17:00 - 17:45	“Guidelines for Waste Recycling in Clay Bricks” <b>M. DONDI</b>
17:45 – 18:00	“Effect of Metallurgical Slag Addition on Clay Bodies Properties for Ceramic Application” <b>S. BRIBIESSCA</b> , C. ALBOR, R. ESCUDERO
18:00 – 18:15	“Ceramic Pigment Made From Iron Ore Residue” O. C. PERERIA, <b>A.M. BERNARDIN</b>
18:15 – 18:30	“Utilization of Magnesite Host Rocks in Wall Tile” <b>G.BİNAL</b> , N.AY

<b>12.10.2011</b>	<b>Anadolu University, Yunusemre Campus–Congress Center/Room 2003</b>
<b>Session 3</b>	<b>ARCHEOLOGY</b>
14:00 – 14:30	“Ritual and Typology in Terracotta Figurines” <b>F. ÖZCAN (INVITED)</b>
14:30 – 14:45	“Importance of Archeological Ceramic Residues Threatened within hydroelectric Power Station projects; Hasankeyf Case” <b>M. BAYAZIT, İ. IŞIK</b>
14:45 – 15:00	“.....” <b>F. ALANYALI, D. ŞEN, ORANSAY, T. TEK</b>
15:00 - 15:15	“Kerch Type Pelikai at Stratonikeia Necropolis” <b>A. BALDIRAN</b>
15:15 – 15:30	“Iron Age Community Dynamics in Western Phrygia in the light of Surface Survey Ceramics” <b>H. SİVAS</b>
15:30 – 16:00	Tea Coffee Break
<b>Session 4</b>	<b>ARCHITECTURE</b>
16:00 – 16:15	“Using Tempered and Laminated Glass for The Apple Stores Environment Design” <b>T. ŞENCAN</b>
16:15 – 16:30	“Use of Nanotechnology Based Paints in Architecture” <b>N. VURAL</b>
16:30 – 16:45	“The Irresistible Lightness of Glass: Transparent Architecture” <b>D. E. ŞEN</b>
16:45 – 17:00	“Glass Spaces: A Sample Application” <b>N. ENGİN</b>
17:00 – 17:15	“The Glaze Glass and Tiles in the Egyptian Architecture” <b>R. A. H. ZENHOM</b>