



**International Conference on Advances  
and Innovations in Engineering**

# 21CAIE'

**Conference Date  
21-23  
September**

[www.icaie.org.tr](http://www.icaie.org.tr) **2023**

Firat University, Atatürk Culture and Congress Center

**15 June 2023**  
Deadline for abstract  
submission

**1 August 2023**  
Deadline for full-text  
submission



# Depreme Dirençli Kentler Çalıştayı



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100  
MILLİ MÜCADELE'NİN YÜZÜNCÜ YILI

21 Eylül 2023-Saat: 10.00

Yer : Fırat Üniversitesi Atatürk Kültür Merkezi



Time	Location: Fırat University Atatürk Cultural Center
08:30-09:30	Conference Registration
09:30-10:00	Welcome and Introduction
10:00-13:00	Depreme Dirençli Kentler Çalıştayı Prof. Dr. Feyzi BINGOL, Prof. Dr. Naci GORUR, Prof. Dr. Roger Bilhom, Prof. Dr. Alper ILKI, Prof. Dr. Erdem CANBAY, Prof. Dr. Kursat Esat ALYAMAC
13:00-14:30	Lunch (Fırat University University House)

Time	Location: Fırat University Atatürk Cultural Center Chairman: Prof. Dr. Mete Onur KAMAN & Prof. Dr. Nevin CELIK
14:30-15:00	Keynote Speaker Prof. Dr. Keith Davey Mechanical and Aeronautical Engineering <i>University of Manchester</i>
15:00-15:30	Keynote Speaker Prof. Dr. Alvaro Garcia Hernandez Civil Engineering <i>RWTH Aachen University</i>
15:30-15:50	Coffee Break
15:50-16:20	Keynote Speaker Assoc. Prof. Dr. Ali Ercin Ersundu Metallurgical and Materials Engineering <i>Yıldız Technical University</i>
16:20-16:50	Keynote Speaker Prof. Dr. Rashid Nadirov Metallurgical and Materials Engineering <i>Al-Farabi Kazakh National University</i>
16:50-17:20	Keynote Speaker Prof. Dr. Mohammad Hassan Khooban Electrical and Computer Engineering <i>Aarhus University</i>
17.30-21.30	Gala Night (Elazığ Municipality Culturepark)
Since the presentations are remote, you can join the presentations from the link below.	
Link to join presentations: <a href="https://eu.bbcollab.com/guest/26ad032f36344dd19f59551c42b26a7d">https://eu.bbcollab.com/guest/26ad032f36344dd19f59551c42b26a7d</a>	



<b>Time</b>	<b>Location: Firat University Congress Center</b>
<b>08:30-10:00</b>	<b>I. Parallel Session for Face-Face Oral Presentations and I. Parallel Session for Online Oral Presentations</b>
<b>10:00-10:30</b>	<b>Coffee Break</b>
<b>10:30-12:15</b>	<b>II. Parallel Session for Face-Face Oral Presentations and II. Parallel Session for Online Oral Presentations</b>
<b>12:15-13:30</b>	<b>Lunch (Firat University University House)</b>
<b>13:30-14:45</b>	<b>III. Parallel Session for Face-Face Oral Presentations and III. Parallel Session for Online Oral Presentations</b>
<b>14:45-15:00</b>	<b>Coffee Break</b>
<b>15:00-16:30</b>	<b>IV. Parallel Session for Face-Face Oral Presentations and IV. Parallel Session for Online Oral Presentations</b>
<b>16:30-16:45</b>	<b>Coffee Break</b>
<b>16:45-18:30</b>	<b>V. Parallel Session for Face-Face Oral Presentations and V. Parallel Session for Online Oral Presentations</b>
<b>18:30-22:00</b>	<b>Dinner (Elazig Special Provincial Administration Sivrice Camp)</b>



<b>I. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>COMPUTER ENGINEERING</b>				
<b>Mimar Sinan Hall</b>				
<b>Chairman: Prof. Dr. Bedri OZER</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>099</b>	Fault Detection Method Using Truth Table in Quantum Circuits <b>Reyhan YILMAZ, Tuba SANLI, Orhan YAMAN, Mehmet KARAKOSE</b>
	08:45-09:00		<b>121</b>	Quantum Neural Network Models: Literature Review and Application Analysis <b>Osman Furkan KUCUK, Cagatay Umut OGDU, Hasan YETIS, Mehmet KARAKOSE</b>
	09:00-09:15		<b>124</b>	Development of the Tool that Converts Machine Readable Format to OpenQASM and Quirk for Quantum Computing: tfc2OpenQASM and tfc2Quirk <b>Hasan YETIS, Mehmet KARAKOSE</b>
	09:15-09:30		<b>075</b>	Design of Optimal and Combinational Logic Circuit Using Karnaugh Method in Quantum Circuits <b>Tuba SANLI, Orhan YAMAN, Mehmet KARAKOSE</b>
	09:30-09:45		<b>005</b>	Modeling of Reel-to-Reel Electrolytic Coating Line with Petri Nets in Process Mining <b>Ayse OZATES, Erhan AKIN, Ahmet Celal TOPKAYA, Mert ONAN</b>
<b>BIOENGINEERING</b>				
<b>Yusuf Has Hacip Hall</b>				
<b>Chairman: Prof. Dr. H. Soner ALTUNDOGAN</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>051</b>	Evaluation of antimicrobial activity biosynthesized silver nanoparticle and silver-zinc nanocomposites-doped hydroxyapatit <b>Ilkay UNAL, Burcu AYDOGDU, Mehmet AYTAR</b>
	08:45-09:00		<b>053</b>	Evaluation of the antimicrobial activity of silver and zinc nanoparticle loaded- multi-walled carbon nanotube <b>Ilkay UNAL</b>
	09:00-09:15		<b>054</b>	Green synthesis zinc oxide and iron oxide nanoparticles using different plant extracts, and evaluation of their antimicrobial activities <b>Ilkay UNAL, Burcu AYDOGDU, Mehmet AYTAR</b>
	09:15-09:30		<b>055</b>	Utilization an effective nanostructure for doxorubicin release <b>Burcu AYDOGDU, Ilkay UNAL, Muharrem INCE, Olcay Kaplan INCE</b>
	09:30-09:45		<b>073</b>	Current Technologies for Bioethanol Production <b>Aysun Sener GEDUK</b>
	09:45-10:00		<b>177</b>	Modelling of Oxytetracycline Adsorption from Aqueous Solutions by Fe3O4-MWCNTs <b>Ozlem ERDAL, Veyis SELEN</b>
<b>CIVIL ENGINEERING</b>				
<b>İbn-i Sina Hall</b>				
<b>Chairman: Prof. Dr. Muhammet KARATON</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>026</b>	Development of an approach combining Bayesian network, stratified Best-Worst Method and TOPSIS Sort for occupational safety risk assessment and its application in a ready mixed concrete plant <b>Coskun KARCI, Melih YUCESAN, Muhammet GUL</b>
	08:45-09:00		<b>135</b>	Investigation of Short Column Damage Following the February 6, 2023 Earthquakes in Kahramanmaraş <b>Ozan INCE, Muhammed ATAR</b>
	09:00-09:15		<b>115</b>	The Production of Durable Precast Concrete Using Reactive Powder Concrete at Various Mixing Ratios in High-Rise Structures <b>Dursun BAKIR, Sedat SAVAS</b>
	09:15-09:30		<b>002</b>	Assessment of the Mechanical Properties of a Masonry Church by Non-Destructive Testing <b>Alper OZMEN, Erkut SAYIN</b>
	09:30-09:45		<b>105</b>	Effect Of The Vertical Component Of Earthquake Ground Motions On The Seismic Behavior Of Reinforced Concrete Frames <b>Nurbanu DEMIRBAS, Humeyra SAHIN, Cengizhan DURUCAN</b>

<b>MECHANICAL ENGINEERING</b> Kasgarli Mahmud Hall Chairman: Prof. Dr. Ihsan DAGTEKIN				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	025	Transport by land and air vehicles, advantages, literature review and classification of flying cars <b>Huseyin SAHIN</b>
	08:45-09:00		018	Meso-Mechanic Analysis of Laminated Composites Reinforced with Aluminum Mesh <b>Mete Onur KAMAN, Cenk YANEN, Mustafa ALBAYRAK</b>
	09:00-09:15		171	SEM and EDS Analysis Reviews of Wear Behaviors of Carbon Nanotube Reinforced AZ91 and AZ80 Alloys <b>Muhammet Gokhan ALBAYRAK, Cevher Kursat MACIT</b>
	09:15-09:30		102	Receptance Based Dynamic Structural Modification of an Unmanned Combat Aerial Vehicle (UCAV) Model <b>Murat SEN, Mesut HUSEYINOGLU, Orhan CAKAR</b>
10:00-10:30		<b>COFFEE BREAK</b>		

<b>II. PARALLEL SESSION</b> (Location: Firat University Congress Center)				
<b>CIVIL ENGINEERING</b> Mimar Sinan Hall Chairman: Prof. Dr. Muhammed Emin EMIROGLU				
<b>Time</b>	10:30-10:45	<b>Paper ID</b>	186	Experimental Investigation of the Maximum Scour Depth Downstream of a Free-falling V-notch Weir <b>Mustafa TUNC, Muhammet Emin EMIROGLU</b>
	10:45-11:00		067	Comparison of Flow Trends of The Eastern Mediterranean Basin with Mann Kendall and Innovative Trend Analysis Methods <b>Erdinc IKINCI O GULLARI, Enes GUL, Ahmet TOPRAK</b>
	11:00-11:15		161	Determination of Flood Risk Areas by AHP and Frequency Ratio Method; A Case Study for Fatsa (Ordu) <b>Ufuk YUKSELER, Omer Faruk DURSUN</b>
	11:15-11:30		162	Location and Seasonal Evaluation of Major Flood Hazards in Rize Province <b>Ufuk YUKSELER, Omer Faruk DURSUN</b>
	11:30-11:45		001	Drought evaluation of Elazig in Turkey using SPI and SPEI <b>Veysi KARTAL</b>
	11:45-12:00		185	The Relationship Between the Dynamic Elasticity Modulus of a Series of Concrete Specimens Calculated by International Regulations and the Compressive Strength <b>Esra Tugrul TUNC</b>
	12:00-12:15		202	Evaluation of Ceramic Cake Waste in Asphalt Concrete <b>Murat KARACASU, Zahir Wafaie, Kadir Berkhan AKALIN</b>
<b>MECHATRONICS ENGINEERING</b> Yusuf Has Hacıp Hall Chairman: Prof. Dr. Oguz YAKUT				
<b>Time</b>	10:30-10:45	<b>Paper ID</b>	152	Modeling a Spacecraft Simulation of the Lunar Landing with Reinforcement Learning <b>Tolga MERTYUZ, Alper Kadir TANYILDIZI, Beyda TASAR, Oguz YAKUT</b>
	10:45-11:00		157	Image-Based Detection of Construction Surface Defects Using Deep Learning Methods <b>Muhammet Rasit BATUR, Irem MERTYUZ, Beyda TASAR</b>
	11:00-11:15		158	A Novel Transformable Wheel-Leg Mechanism Design <b>Irem MERTYUZ, Ahmet Burak TATAR, Alper K. TANYILDIZI, Beyda TASAR, Oguz YAKUT</b>
	11:15-11:30		163	PID Speed Control of Slider-Crank Mechanism in Simulation Environment <b>Muhammet AYDIN</b>
	11:30-11:45		170	Synchronous Reluctance Motor Design for Washing Machine <b>Deniz Can DURSUN, Ahmet YILDIZ, Mehmet POLAT</b>
	11:45-12:00		149	Designing and Controlling of an Inverted Pendulum on a Cart <b>Cagri KAYMAK, Aysegul UCAR</b>



<b>COMPUTER ENGINEERING</b>				
İbn-i Sina Hall				
Chairman: Assoc. Prof. Gungor YILDIRIM				
<b>Time</b>	10:30-10:45	<b>Paper ID</b>	109	An AI-Based Approach to Cross-Disciplined Materials Design <b>Seda SAHIN, Ahmet Tunahan KORKMAZ, Lutfiye SIRKA</b>
	10:45-11:00		125	Optimization of Supply Chain Management for Medical Drug Warehouses using Genetic Algorithms <b>Ayse Kahveci YETIS, Mehmet KARAKOSE, Iker GURELLI, Onur TOKEL, Eray HANOGLU</b>
	11:00-11:15		128	Fine Tuning and Comparative Performance Analysis of Pre-trained Transformers for Dialogue Texts Abstractive Summarization <b>Turan Goktug ALTUNDOGAN, Mehmet KARAKOSE, Senem TANBERK, Oyku Berfin MERCAN</b>
	11:15-11:30		129	Mask R-CNN Based Video Segmentation in Smart Campus Areas <b>Merve YILMAZER, Mehmet KARAKOSE, Senem TANBERK, Samed ARSLAN</b>
	11:30-11:45		081	A seq2seq based approach for generation of quantum circuits using deep learning <b>Musa YENILMEZ, Niyazi Furkan BAR, Mehmet KARAKOSE</b>
	11:45-12:00		106	Addressing Social Media Addiction with Artificial Intelligence: Ethical, Privacy, and Future-Oriented Solutions <b>Seda SAHIN, Ahmet Tunahan KORKMAZ, Hatice ERTURK</b>
<b>ENVIRONMENTAL - ELECTRICAL AND ELECTRONICS ENGINEERING</b>				
Kasgarli Mahmud Hall				
Chairman: Assoc. Prof. Dr. Mahmut Temel OZDEMIR				
<b>Time</b>	10:30-10:45	<b>Paper ID</b>	199	Speed Control of Single Phase Induction Motor Using Asymmetric PWM with PI Controller <b>Ece YILMAZ, Sencer UNAL, Mehmet OZDEMIR</b>
	10:45-11:00		030	Determination of the optimum test conditions for the measurement of glucose level in liquids <b>Omer Faruk GOKTAS, Ilyas CANKAYA, Esra Sengun ERMEYDAN</b>
	11:00-11:15		208	Mnist El Yazısının Tanınması <b>Veysel Yusuf CAMBAY, Aysegul UCAR</b>
	11:15-11:30		062	The main pivot for resilient city versus disaster: geographic knowledge <b>Emine AKMAN, Ilhan Oguz AKDEMIR</b>
	11:30-11:45		063	The match using of geomorphological units for urban resistant against disaster <b>Murat SUNKAR, Ilhan Oguz AKDEMIR</b>
12:15-13:30		<b>LUNCH (Firat University University House)</b>		

<b>III. PARALLEL SESSION</b>				
(Location: Firat University Congress Center)				
<b>GEOLOGICAL ENGINEERING</b>				
Mimar Sinan Hall				
Chairman: Prof. Dr. Zulfu GUROCAK				
<b>Time</b>	13:30-13:45	<b>Paper ID</b>	193	Chemistry of Cr-spinel in podiform chromitites from Islahiye Ophiolite (Gaziantep, SE Anatolia) <b>Mustafa Eren RIZELI</b>
	13:45-14:00		194	Geochemistry - Isotope (Sr-Nd) Properties of Ulukale Porphyric Dome and Caglarca Radial Dykes and Comparison with Tunceli Volcanics <b>Abdullah SAR, Sevcin KURUM, Muhammed Yasir YURT</b>
	14:00-14:15		164	Mineralogical Characterization of Pb-Zn-Cu Mineralizations at Karagol, (Celikhan, Adiyaman) <b>Yavuz KAYA, Leyla KALENDER</b>
	14:15-14:30		137	Confocal Raman Studies on mafic volcanics north of Fahribey (Elazig) <b>Mutlu Ercan CELIK, Melek URAL</b>
	14:30-14:45		189	Petrogenesis of late Cretaceous subduction-related volcanics rocks, southeast of Elazig, Turkiye <b>Mehmet Ali ERTURK</b>

<b>SOFTWARE ENGINEERING</b> Yusuf Has Hacip Hall Chairman: Prof. Dr. Bilal ALATAS				
<b>Time</b>	13:30-13:45	<b>Paper ID</b>	174	Harnessing AI and NLP Techniques for Combatting Racism and Xenophobia on Online Platforms: A Comprehensive Analysis and Evaluation of Machine Learning Models <b>Sule KAYA, Bilal ALATAS</b>
	13:45-14:00		175	Deep Learning Models for Detection of Lung Infections Training and Evaluation <b>Canan KOC, Fatih OZYURT</b>
	14:00-14:15		176	Classification of Alzheimer's disease using ADNI dataset with deep learning techniques <b>Esra YUZGEC, Muhammed TALO</b>
	14:15-14:30		179	A Review on the Use of Blockchain Technologies in Data Security <b>Gulsena GULHAS, Ozgur KARADUMAN</b>
	14:30-14:45		204	A gentle introduction to building fintech forecasting models based on financial ratios <b>Mustafa KANBER, YUNUS SANTUR</b>
<b>MECHANICAL ENGINEERING</b> İbn-i Sina Hall Chairman: Prof. Dr. Nevin CELIK				
<b>Time</b>	13:30-13:45	<b>Paper ID</b>	082	Investigation of Heat Storage Capacities of Organic and Inorganic Phase Change Materials in a Heat Exchanger <b>Mahir SAHİN, Mustafa KILIC</b>
	13:45-14:00		173	Design of Spin Coating Unit and Parameters Affecting the System <b>Mehmet Erbil OZCAN</b>
	14:00-14:15		198	Numerical Analysis of Battery Thermal Management System Include Phase Change Material at Temperatures Lower than Normal Conditions <b>Halil Ibrahim YAMAC</b>
	14:15-14:30		083	Investigation of the Effect of Nozzle Diameter and Collision Distance on Resultant Momentum in an Active Protection System <b>Huseyin Aydın EKER, Mahir SAHİN, Mustafa KILIC</b>
<b>METALLURGICAL AND MATERIALS ENGINEERING - CHEMICAL ENGINEERING</b> Kasgarli Mahmud Hall Chairman: Assist. Prof. Dr. Akin ODABASI				
<b>Time</b>	13:30-13:45	<b>Paper ID</b>	172	Production of nanoparticles from almond shells by green synthesis method and investigation of their antioxidant properties <b>Buket ERZEN, Ercan AYDOGMUS</b>
	13:45-14:00		167	Effect of Air Input Rate on the Amount of L-DOPA and Dopamine Produced Using Citrobacter freundii (NRRL B-2643) in a Batch Bioreactor <b>Meltem Cakmak KALKAN, Dursun OZER</b>
	14:00-14:15		011	Risk Analysis and Risk Assessment in Limestone Quarry: L Matrix Method <b>Vedat KARAHAN, Ercan AYDOGMUS, Erdal CANPOLAT</b>
	14:15-14:30		196	Chromium Recovery by Solvent Extraction <b>Seyma Yuksel SAGMAN, Mehmet Deniz TURAN, Ramazan ORHAN, Gokhan BASMAN</b>
	14:30-14:45		095	Production and Characterization of Graphene Nanosheets+Boron Nitride Nanosheets-doped CdS by Sol-Gel Method <b>Seval Hale GULER</b>
14:45-15:00			<b>COFFEE BREAK</b>	

<b>IV. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>CIVIL ENGINEERING</b>				
<b>Mimar Sinan Hall</b>				
<b>Chairman: Prof. Dr. Murat KARACASU</b>				
<b>Time</b>	15:00-15:15	<b>Paper ID</b>	<b>084</b>	The Effect Of Different Audit Strategies On Corridor Performance <b>Zeynep Nur DUMAN, Yetis Sazi MURAT, Mehmet YILMAZ</b>
	15:15-15:30		<b>211</b>	Effectiveness of Drucker-Prager Material Model for Micro Level Analysis of The Masonry Walls <b>Ertugrul CAMBAY Muhammet KARATAON</b>
	15:30-15:45		<b>206</b>	Damage Assessment of Masonry Structures in Adiyaman Province after Kahramanmaras Earthquakes (February 6, 2023) <b>Ertugrul CAMBAY</b>
	15:45-16:00		<b>207</b>	Determination of traditional binding properties of bitumen modified with activated carbon obtained from olive pomace and slime <b>Merve Polat, Erkut YALCIN</b>
	16:00-16:15		<b>077</b>	Seismic Site Effects of Elazig-Sursuru District <b>Nurullah AKBULUT, Ruveyda Emanet YILMAZ</b>
<b>MECHANICAL ENGINEERING</b>				
<b>Yusuf Has Hacıp Hall</b>				
<b>Chairman: Prof. Dr. Murat Yavuz SOLMAZ</b>				
<b>Time</b>	15:00-15:15	<b>Paper ID</b>	<b>096</b>	Energy Efficiency of School Buildings <b>Hacı Mehmet KULOGLU, Sinan KAPAN, Nevin CELIK</b>
	15:15-15:30		<b>091</b>	Experimental analysis of impinging jet on a moving plate <b>Celal KISTAK, Ali TASKIRAN, Nevin CELIK</b>
	15:45-16:00		<b>093</b>	Numerical Analysis of A Pulsating Nanofluid Impinging Jet <b>Ali TASKIRAN, Celal KISTAK, Nevin CELIK, Ihsan DAGTEKIN</b>
	16:00-16:15		<b>140</b>	Investigation of the effects on support amounts of changing the coefficients in the YEKDEM formulation <b>Murat ERDEM, Mert GURTURK</b>
<b>GEOLOGICAL ENGINEERING</b>				
<b>İbn-i Sina Hall</b>				
<b>Chairman: Prof. Dr. Leyla KALENDER</b>				
<b>Time</b>	15:00-15:15	<b>Paper ID</b>	<b>178</b>	Evaluation of Rockfall Risk in the Southern of İcme (Elazig) By 2D Numerical Analysis Method <b>Ali Burak AKTAS, Mustafa KANIK</b>
	15:15-15:30		<b>181</b>	Changes in the unconfined compressive strength of high plasticity clay with basalt fiber reinforcement <b>Yasemin Aslan TOPCUOGLU, Zulfu GUROCAK</b>
	15:30-15:45		<b>182</b>	Comparison of compression and tensile elasticity modules of rock material <b>Zulfu GUROCAK, Yasemin Aslan TOPCUOGLU, Alperen CANPOLAT</b>
	15:45-16:00		<b>197</b>	Earthquake cycle of the East Anatolian Fault section between Palu and Puturge: Preliminary findings <b>Mehmet KOKUM, Havva Neslihan KIRAY, Cengiz ZABCI, Husnu Serdar AKYUZ, Erhan ALTUNEL, Semih ERGINTAV, Abdulrahman ELHISSO</b>
	16:00-16:15		<b>195</b>	Petrography and Mineralogy of the Doganşehir Bauxites (Malatya-Turkey) <b>Hatice KARA</b>

<b>METALLURGICAL AND MATERIALS ENGINEERING</b>				
<b>Kasgarli Mahmud Hall</b>				
<b>Chairman: Prof. Dr. Mehmet EROGLU</b>				
<b>Time</b>	15:00-15:15	<b>Paper ID</b>	003	Retrogression and reaging of a flow formed 7075 aluminum alloy <b>Eda URAL, Erdem BALCI, Mertcan KABA, Aptullah KARAKAS, Murat BAYDOGAN</b>
	15:15-15:30		119	Apply the copper anodes of non-standard chemical composition for sulphur acid waste solution electrolytical treatment <b>Radmila Markovic, Bern Friedrich, Dragana Bozic, Zoran Stevanovic</b>
	15:30-15:45		116	Comparison of photoelectric conversion efficiencies of DSSCs sensitized with velvet red rose and ivy rose dye <b>Fehmi ASLAN</b>
	15:45-16:00		113	The leaching behavior of copper slags in presence of hydrochloric acid and acetone <b>Mehmet Deniz TURAN, Zeynel Abidin SARI, Hasan NIZAMOGLU, Tugrulhan DEMIR</b>
	16:00-16:15		134	Characterization of Activated Carbon Produced by Hydrothermal Carbonization Method Using Tea Plant Wastes <b>Mustafa BOYRAZLI, Mustafa SUNER, Emrah CELIK, Aysegul DERE, Erdogan KARIP, Canan Aksu CANBAY</b>
	16:15-16:30		118	Production of ferric-phosphate for application in the lithium battery industry <b>Dragana Bozic, Radmila Markovic, Ljiljana Avramovic, Zoran Stevanovic, Dejan Bugarin</b>
16:30-16:45		COFFEE BREAK		

<b>V. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>MECHATRONICS ENGINEERING</b>				
<b>Yusuf Has Hacıp Hall</b>				
<b>Chairman: Prof. Dr. Aysegul UCAR</b>				
<b>Time</b>	16:45-17:00	<b>Paper ID</b>	150	Classification of Brain Tumors from MRI Images Using the UNet Architecture <b>Rabia Gizemnur EREN, Beyda TASAR</b>
	17:00-17:15		151	A Survey on Hybrid Wheel-Leg Mobile Robots <b>Irem MERTYUZ, Ahmet Burak TATAR, Alper Kadir TANYILDIZI, Beyda TASAR, Oguz YAKUT</b>
	17:15-17:30		154	CNN based Steel Plate Fault Detection <b>Taner GOKCIMEN, Emre DEMIREL, Rabia Gizemnur EREN, Beyda TASAR</b>
	17:30-17:45		155	Hand Tremor Detection Via 1D-CNN Model <b>Irem MERTYUZ, Ahmet Burak TATAR, Beyda TASAR</b>
	17:45-18:00		156	Machine Learning Improvements to Human Motion Classification with IMU <b>Rabia Gizemnur EREN, Ahmet Burak TATAR, Beyda TASAR</b>
18:30-22:00		DINNER (Elazig Special Provincial Administration Sivrice Camp)		



<b>I. PARALLEL SESSION</b>				
<i>(Location: Fratt University Congress Center)</i>				
<b>COMPUTER ENGINEERING</b>				
<b>Farabi Hall</b>				
<b>Chairman: Assoc. Prof. Dr. Ahmet CINAR</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	038	A Deepfake Image Detection Approach Based on YOLOv3 <b>Mert CECEN, Mehmet KARAKOSE</b>
	08:45-09:00		133	New Approach to Reduce False Detections in Deepfake Detection <b>Serhat ATAS, Mehmet KARAKOSE</b>
	09:00-09:15		076	Deep Learning-Based Detection of Hidden Data in Digital Images <b>Murat Utku KABASAKALOGU, Rukiye KARAKIS</b>
<b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b">https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b</a></b> <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b>				

<b>II. PARALLEL SESSION</b>				
<i>(Location: Fratt University Congress Center)</i>				
<b>MECHANICAL ENGINEERING</b>				
<b>Farabi Hall</b>				
<b>Chairman: Prof. Dr. Mete Onur KAMAN</b>				
<b>Time</b>	10:30-10:45	<b>Paper ID</b>	013	Thermohydraulic Performance Analysis of a Crossflow Finned Tube Heat Exchanger <b>Orhan KALKAN</b>
	10:45-11:00		015	Numerical Investigation Flow and Heat Transfer in Hybrid Corrugated Channels with Different Winglet Forms <b>Dogukan UYSAL, Selma AKCAY</b>
	11:00-11:15		033	NOx emission reduction in a biodiesel-powered diesel engine with adiabatic humidification technique <b>Abdulvahap CAKMAK, Emre DEMIRSAN</b>
	11:15-11:30		024	Comparison crushing performance of various types of 2-D auxetic structures by using topology optimization <b>Kerem GUNAY, Ulku Asena TOSUN, Fatih USTA</b>
	11:30-11:45		165	UV Photopolymerization of Organic-Inorganic based Electrolyte for Energy Storage Devices (Lithium-ion Batteries) <b>Sajid Hussain SIYAL</b>
	11:45-12:00		101	Modeling the Hourly Distillation Volume of a Distillation Machine with a Parabolic Dish-Type Collector Using a Support Vector Machine <b>Erdem ALIC</b>
<b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b">https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b</a></b> <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b>				

<b>III. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>ENVIRONMENTAL ENGINEERING</b>				
<b>Farabi Hall</b>				
<b>Chairman: Prof. Dr. Ozge HANAY</b>				
<b>Time</b>	13:30-13:45	<b>Paper ID</b>	<b>138</b>	The Effects of Pesticides on Aquatic Ecosystems <b>Gokhan Onder ERGUVEN, Numan YILDIRIM, Nuran Cikcikoglu YILDIRIM</b>
	13:45-14:00		<b>142</b>	Heavy Metal Pollution and Risks in Aquatic Environments <b>Barbaros DURMUS, Gokhan Onder ERGUVEN, Numan YILDIRIM, Nuran Cikcikoglu YILDIRIM</b>
	14:00-14:15		<b>145</b>	Green Buildings and Environmental Problems <b>Fatih YILMAZ, Gokhan Onder ERGUVEN, Numan YILDIRIM</b>
	14:15-14:30		<b>045</b>	A Peroxy Electrocoagulation Method Application to Remove Chemical Oxygen Demand from Tannery Wastewater <b>Zilan SIRP, Ayse OZGUVEN, Dilara OZTURK</b>
	14.30-14.45		<b>059</b>	Effect of Ti on High Temperature Properties of NiAl-34Cr Eutectic Alloy Produced by Resistance Sintering Method <b>Nuri ERGIN, Cihan CEPER, Necati KOCAK, Ahmet SIMSEK, Ozkan OZDEMIR</b>
Link to join presentations: <a href="https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b">https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b</a> After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.				

<b>IV. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>CIVIL ENGINEERING</b>				
<b>Farabi Hall</b>				
<b>Chairman: Prof. Dr. Erkut SAYIN</b>				
<b>Time</b>	15:00-15:15	<b>Paper ID</b>	<b>066</b>	A random forest model optimized with genetic algorithm for cantilever retaining walls <b>Utku KOKTAN, Gokhan DEMIR</b>
	15:15-15:30		<b>046</b>	A Study on Lost Time Coefficient in Determining Optimum Cycle Time at Signalized Intersections <b>Ziya CAKICI, Mehmet Sinan YILDIRIM</b>
	15:30-15:45		<b>078</b>	Optimizing Post-Conflict Building Reconstruction in Iraq: A Multi-Criteria Decision-Making Approach in Public Projects <b>Aya SULIMAN, Salah HAJISMAIL, Bahadir CALISKAN</b>
	15:45-16:00		<b>126</b>	Research on the possibilities of pumped from Keban Dam to Elazig and the construction of a recreation area <b>Muhammed Cihat TUNA, Ayca AYTAC</b>
	16:00-16:15		<b>079</b>	Geotechnical Assesment of Istanbul New Airport <b>Nurullah AKBULUT, Sabira DAG</b>
	16:15-16:30		<b>203</b>	Shear strengthening of a steel bridge girder <b>Tugce Sevil YAMAN</b>
Link to join presentations: <a href="https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b">https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b</a> After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.				

<b>V. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>CHEMICAL ENGINEERING</b>				
<b>Farabi Hall</b>				
<b>Chairman: Prof. Dr. Filiz KAR</b>				
<b>Time</b>	<b>16:45-17:00</b>	<b>Paper ID</b>	<b>139</b>	Selection of ore for boric acid production: Why must use the colemanite ore <b>Fatih KAYA, Seyda TASAR</b>
	<b>17:00-17:15</b>		<b>141</b>	Adsorption of Reactive Yellow 3 Dye Molecules by Nut Shell Based Activated Carbon <b>Elif KARDAS, Seyda TASAR, Fatih KAYA, Neslihan DURANAY, Melek YILGIN</b>
	<b>17:15-17:30</b>		<b>143</b>	Sorption of Basic Blue 3 Dye Molecules by Chitosan Based Sorbent <b>Gizem OZER, Seyda TASAR, Fatih KAYA, Melek YILGIN, Neslihan DURANAY</b>
	<b>17:45-18:00</b>		<b>159</b>	Waste Plastic Degradation by Chemical Recycling Method <b>Adil KOC</b>
	<b>18:15-18:30</b>		<b>166</b>	Biosorption of Basic Yellow 51 (BY51) Molecules by Mussel Shell from the Wastewater <b>Sermin DENIZ, Seyda TASAR, Fatih KAYA, Filiz KAR</b>
<p><b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b">https://eu.bbcollab.com/guest/f441bd52cc5048b0ad2405ec5672ba5b</a></b>  <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b></p>				





<b>Time</b>	<b>Location: Firat University Congress Center</b>
<b>08:30-10:00</b>	<b>VI. Parallel Session for Online Presentations</b>
<b>10:00-10:20</b>	<b>Coffee Break</b>
<b>10:20-12:50</b>	<b>VII. Parallel Session for Online Presentations</b>
<b>12.50</b>	<b>Closing</b>



<b>VI. PARALLEL SESSION</b>				
<i>(Location: Firat University Congress Center)</i>				
<b>CIVIL ENGINEERING AND ENVIRONMENTAL ENGINEERING</b>				
<b>Mimar Sinan Hall</b>				
<b>Chairman: Prof. Dr. Ragıp INCE</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>111</b>	Evaluation of Library Buildings in Terms of Lighting: İsmail Hakki Tonguc Library Sample <b>Ashhan MERAL, Sule Yılmaz ERTEN</b>
	08:45-09:00		<b>144</b>	Green Buildings and Environmental Problems <b>Fatih YILMAZ, Gokhan Onder ERGUVEN, Numan YILDIRIM</b>
	09:00-09:15		<b>070</b>	Determination of natural gamma radioactivity levels in grape, chard, and parsley samples collected from Rize and its districts <b>Esra Yılmaz BAYRAK</b>
	09:15-09:30		<b>103</b>	An overview of the global land water storage data set release 2 (GLWS2.0) <b>Emel Zeray OZTURK</b>
	09:30-09:45		<b>022</b>	Mitigating the out-of-plane seismic vulnerability of unreinforced masonry facades with viscoelastic devices <b>Elesban Nochebuena Mora, Nuno Mendes</b>
	09:45-10:00		<b>205</b>	The Influence of Lower Floor Fires on the Comprehensive Structural Performance of a Residential Building <b>Burak Kaan CIRPICI</b>
Link to join presentations: <a href="https://eu.bbcollab.com/guest/6b428ee7716946069ddad68fbbb17597">https://eu.bbcollab.com/guest/6b428ee7716946069ddad68fbbb17597</a> After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.				
<b>CHEMICAL ENGINEERING</b>				
<b>Yusuf Has Hacıp Hall</b>				
<b>Chairman: Prof. Dr. Cevdet AKOSMAN</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>047</b>	Degradation of Amoxicillin in the Presence of Metal-free Composite Photocatalysts <b>Burcu PALAS, Oyku AKDAG, Tumay CETINBAS, Gulin ERSOZ</b>
	08:45-09:00		<b>039</b>	Catalytic Degradation of Metronidazole with Halloysite-Fe <sub>3</sub> O <sub>4</sub> -Ag Nanocomposite and NaBH <sub>4</sub> <b>Turkan ALTUN, Huseyin ECEVIT</b>
	09:00-09:15		<b>089</b>	Structural and Morphological Characterization of Waste Toner Powder Considered as E-Waste <b>Seyda TASAR, Melek YILGIN, Neslihan DURANAY, Dursun PEHLIVAN</b>
	09:15-09:30		<b>090</b>	A Study on the Removal of Astrazon Golden Yellow Dye Molecules by Chitosan-Based Magnetic Field Sensitive Particles <b>Omer IPEK, Seyda TASAR, Fatih KAYA</b>
	09:30-09:45		<b>086</b>	Adsorption of Ship-Borne Oil Pollution Using Composite Materials <b>Didem SALOGLU, Noor Khader Hussain HUSSAIN, Ahmet Alper AYDIN</b>
Link to join presentations: <a href="https://eu.bbcollab.com/guest/f5dc13c11e804a369ca1d4181a0d1014">https://eu.bbcollab.com/guest/f5dc13c11e804a369ca1d4181a0d1014</a> After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.				
<b>MECHANICAL ENGINEERING</b>				
<b>İbn-i Sina Hall</b>				
<b>Chairman: Prof. Dr. Nihat TOSUN</b>				
<b>Time</b>	08:30-08:45	<b>Paper ID</b>	<b>035</b>	Influence of welding tool advance speed on weld tensile strength in friction stir lap welding of 7075-T651 aluminum alloy plates <b>Omer EKINCI, Zulkuf BALALAN</b>
	08:45-09:00		<b>036</b>	Development of Hybrid (Metal & Plastic) Brake Pedal For Manuel and Automatic Transmissions Vehicles <b>Salih KARAKAS, Neslisah HAMZACELEBIOGLU, Huseyin KARABULUT</b>
	09:00-09:15		<b>049</b>	The tensile properties of three- dimensional (3D) textile reinforced composites <b>Mehmet KORKMAZ, Halis KANDAS</b>
	09:15-09:30		<b>092</b>	Numerical Simulation of Ballistic Impact on Layered Kevlar Armor <b>İsmail Furkan SARUHAN, Recep GUNES</b>
	09:30-09:45		<b>007</b>	Design of a Control System for Temperature-Moisture Parameters in a Greenhouse Dryer and Modeling of These Parameters with Machine Learning Algorithms <b>Mert CECEN, Mehmet DAS, Ebru AKPINAR</b>
Link to join presentations: <a href="https://eu.bbcollab.com/guest/2750cd003ecf423ca8f461aa1c99a98d">https://eu.bbcollab.com/guest/2750cd003ecf423ca8f461aa1c99a98d</a> After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.				

<b>ELECTRICAL - ELECTRONICS ENGINEERING</b>			
<b>Kasgarli Mahmud Hall</b>			
<b>Chairman: Assist. Prof. Dr. Baris KARAKAYA</b>			
	08:30-08:45		<b>088</b> FPGA Implementation of Fractional Order Volta's Chaotic System <b>Muhammet Ali ARSERIM</b>
	08:45-09:00		<b>094</b> Forecasting Wind Speed Measured From Nacelle Anemometer: Integrating Empirical Mode Decomposition, Convolutional Neural Network and Gated Recurrent Unit <b>Ceyhun YILDIZ</b>
	09:00-09:15		<b>071</b> Sliding mode control of liquid level trainer system <b>Fatih TATBUL, Meral Ozarslan YATAK</b>
	09:15-09:30		<b>153</b> Assessment of Carsamba Groundwater Quality by Using Multivariate Statistical Analysis Methods and Heavy Metals Pollution and Evaluation Indices <b>Arzu Firat ERSOY, Abdourazakou Maman HASSAN</b>
	09:30-09:45		<b>169</b> Estimating undrained strength of an alluvial soil using resedimented samples prepared from disturbed samples <b>Muhammet Oguz SUNNETCI, Hakan ERSOY</b>
	09:45-10:00		<b>061</b> Harmonics generated during the electric vehicle charging process <b>Arkadiusz Dobrzycki, Muhammed Sefa CETIN, Muhsin Tunay GENCOGLU</b>
	10:00-10:15		<b>180</b> Investigation of the landslide induced tsunami waves in artificial dam lakes: The Case of Hardısagır Landslide <b>Murat KARAHAN, Hakan ERSOY</b>
<b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/6185e6eab6424f5ab5a2c438d30ad868">https://eu.bbcollab.com/guest/6185e6eab6424f5ab5a2c438d30ad868</a></b> <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b>			

<b>VII. PARALLEL SESSION</b>			
<b>(Location: Firat University Congress Center)</b>			
<b>GEOLOGICAL ENGINEERING-ELECTRICAL - ELECTRONICS ENGINEERING</b>			
<b>Mimar Sinan Hall</b>			
<b>Chairman: Assist. Prof. Dr. Mustafa KANIK</b>			
<b>Time</b>	10:20-10:35	<b>Paper ID</b>	<b>107</b> Simulation of OTRA Based Fractional Order Filters <b>Sadullah KUTLUSOY, Selcuk KILINC</b>
	10:35-10:50		<b>131</b> Intelligent Advert Insertion into Videos Using YOLOv4 Object Detection Method and Centroid Tracking Algorithm <b>Kerim ERGUN, Selcuk KILINC, Ayca Kumluca TOPALLI</b>
	10:50-11:05		<b>057</b> AI Approach for Postural Assessment <b>Tolga GUZEL, Metehan CAM, Faruk DIRISAGLIK</b>
	11:05-11:20		<b>041</b> Reservoir Characterization and Acid Fracturing G-Function plot optimization of High Pressure High Temperature fields, North Kuwait <b>Samar Alyounes, Derya Koca</b>
	11:20-11:35		<b>188</b> Preliminary Findings of Dadagli Barite Mineralization (Kahramanmaraş): Implication to its Mineralogy and Alteration Geochemistry <b>Cihan YALCIN</b>
	11:35-11:50		<b>190</b> Rare Earth Element (REE) Indicators of Pertek Fe-Skarn Formation <b>Cihan YALCIN</b>
	11:50-12:05		<b>085</b> Investigation of doleritic rocks around Konakalmaz (Elazığ) by Confocal Raman Spectroscopy <b>Cedide KAYMAK, Melek URAL</b>
<b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/6b428ee7716946069ddad68fbbb17597">https://eu.bbcollab.com/guest/6b428ee7716946069ddad68fbbb17597</a></b> <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b>			

<b>MECHANICAL ENGINEERING</b>			
<b>Yusuf Has Hacıp Hall</b>			
<b>Chairman: Assoc. Prof. Dr. Murat SEN</b>			
<b>Time</b>	10:20-10:35	<b>Paper ID</b>	<b>209</b> Investigation of the effect of non-perforated and perforated collector fins on PV surface temperature <b>Erhan ARSLAN</b>
	10:35-10:50		<b>23</b> A review on heat shields <b>Muhammed Fatih KOSEOGLU, Anıl OZKAN, Nurullah ARSLANOGLU, Fatih KARPAT</b>
	10:50-11:05		<b>065</b> Autonomous Solid Waste Collection Vehicle Design <b>Serkan GUNES, Cebrail OLMEZ, Ali BALBAY</b>
	11:05-11:20		<b>064</b> An Innovative Control Cabinet Design for Concrete Cylinders <b>Serkan GUNES, Ali BALBAY, Cebrail OLMEZ</b>
	11:20-11:35		<b>034</b> A Novel Dynamometer Design for Bogie Suspension Balancement on Trams: Finite Elements and Statistical Approach <b>Ibrahim Taha MALATYALIOGLU, Ufuk KELLECI, Erkan OZTURK</b>
	11:35-11:50		<b>098</b> Parametric optimization of fracture resistance of multilayer 3D printed parts <b>Erman ZURNACI</b>
	11:50-12:05		<b>009</b> Investigation of Convective Heat Transfer Coefficient in Air Solar Collector Assisted Greenhouse Dryer by Experimental and Artificial Intelligence Methods <b>Fatma PAPATYA, Fatih HOSOGLU, Muhammet Fatih IMIS, Ebru AKPINAR</b>
<p><b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/f5dc13c11e804a369ca1d4181a0d1014">https://eu.bbcollab.com/guest/f5dc13c11e804a369ca1d4181a0d1014</a></b>  <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b></p>			

<b>SOFTWARE ENGINEERING-BIOENGINEERING- METALLURGICAL AND MATERIALS ENGINEERING</b>			
<b>İbn-i Sina Hall</b>			
<b>Chairman: Assoc. Prof. Dr. Mustafa ULAS</b>			
<b>Time</b>	10:20-10:35	<b>Paper ID</b>	<b>058</b> High Temperature Oxidation And Hot Corrosion Behavior Of Ni- Al-34cr Eutectic Alloys With Different Fe Contents <b>Nuri ERGIN, Cihan CEPER, Necati KOCAK, Ahmet SIMSEK, Ozkan OZDEMIR</b>
	10:35-10:50		<b>032</b> Examination of articular cartilage mechanics under sealed and unsealed conditions <b>Sabri UZUNER</b>
	10:50-11:05		<b>108</b> Electrochemical Performance of Plasma Sprayed Al <sub>2</sub> O <sub>3</sub> Coated on AISI 316L Austenitic Stainless Steel in Different Body Fluids <b>Mustafa YAZICI</b>
	11:05-11:20		<b>097</b> Detection of Pneumonia Slot with Deep Learning Model <b>Serav YUKSEL, Sinem AKYOL</b>
	11:20-11:35		<b>048</b> A Comparative Study of Deep Learning and Machine Learning Algorithms to Predict Hospitalization to Cardiology on Patients Who Applied Emergency Department with Chest Pain <b>Betul Dagoglu HARK, Kubra Elif AKBAS, Meryem Goral YILDIZLI, Duygu SIDDIKOGLU</b>
	11:35-11:50		<b>110</b> A Cloud GIS Based Street Food Recommender Web App <b>Sevket BEDIROGLU, Volkan YILDIRIM</b>
	11:50-12:05		<b>168</b> Weather Analysis and Renewable Energy Sources <b>Serap ERCEL, Sinem AKYOL</b>
<p><b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/2750cd003ecf423ca8f461aa1c99a98d">https://eu.bbcollab.com/guest/2750cd003ecf423ca8f461aa1c99a98d</a></b>  <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b></p>			

<b>CIVIL ENGINEERING-COMPUTER ENGINEERING</b>				
<b>Kasgarli Mahmud Hall</b>				
<b>Chairman: Assoc. Prof. Dr. Fatih OZYURT</b>				
<b>Time</b>	<b>10:20-10:35</b>	<b>Paper ID</b>	<b>010</b>	A Study On Physical Unclonable Function(PUF)-based Security Solutions For Cryptography <b>Seyfullah KANER, Ali Murat GARIPCAN, Ebubekir ERDEM</b>
	<b>10:35-10:50</b>		<b>042</b>	Crowd Analysis by Using Image Processing and Deep Learning Methods <b>Volkan YAMACLI, Ozer TANRIVERDI</b>
	<b>10:50-11:05</b>		<b>056</b>	Health Classification for Plants by Using Computer-Aided Deep Learning Methods <b>Volkan YAMACLI, Muhammet Kursat YILDIRIM</b>
	<b>11:05-11:20</b>		<b>072</b>	G-GLOVE: A VR/AR Glove That Sensates at Your Fingertips <b>Hatice Meltem Nergiz SIRIN, Enes ARSLAN, Muhammed Furkan OLCAL</b>
	<b>11:20-11:35</b>		<b>123</b>	Unet With Layer-based Hybrid Convolution For Retinal Vessel Segmentation <b>Hakan OCAL</b>
<p><b>Link to join presentations: <a href="https://eu.bbcollab.com/guest/6185e6eab6424f5ab5a2c438d30ad868">https://eu.bbcollab.com/guest/6185e6eab6424f5ab5a2c438d30ad868</a></b>  <b>After entering the link, you can upload your presentations. We kindly ask you to enter 15 minutes before your presentation time.</b></p>				
<b>12:20</b>		<b>Closing</b>		