



PROGRAMME

NEW FRONTIERS OF NATURAL SCIENCES: 2nd INTERNATIONAL SELÇUK MEETING

With the great honor of the 100th anniversary of the Republic of Türkiye

02 - 04 October 2023

Connection Link: nfns2023.selcuk.edu.tr



SELÇUK ÜNİVERSİTESİ
FEN FAKÜLTESİ



CONGRESS



NEW FRONTIERS OF NATURAL SCIENCES:2ND INTERNATIONAL SELÇUK MEETING
OCTOBER 02-04, 2023 KONYA-TÜRKİYE
CONGRESS PROGRAM



Time (Istanbul GMT+3)	OCTOBER 02, 2023 (MONDAY)
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair/ Presenter: Elife Öznur KARABULUT
10:00-10:30	OPENING CEREMONY 10:00-10:20 Opening and introductory speeches 10:20-10:30 Protocol speeches
10:30-11:00	<i>Invited Speaker: Mustafa Reşat APAK</i> , İstanbul University “Milestones in sensor design for antioxidants and energetics”
11:00-11:30	<i>Invited Speaker: Can DİNÇER</i> , University of Freiburg “Disposable sensors for next-generation on-site testing”
11:30-12:00	<i>Invited Speaker: Jiri BAREK</i> , Charles University “New frontiers in voltammetry of biologically active organic compounds”
12:00-13:30	LUNCH BREAK
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair: Nihal BÜYÜKÇİZMECİ
13:30-14:00	<i>Invited Speaker: Musa KAVAS</i> , Ondokuz Mayıs University “Genome editing in plants via CRISPR system”
14:00-15:00	Keynote Speaker: Yury GOGOTSI , Drexel University “MXenes and other nanomaterials for electrochemical energy storage”
15:00-15:30	<i>Invited Speaker: Hidetoshi MIYAZAKI</i> , Nagoya Institute of Technology “Development of thermoelectric conversion materials for vehicles using Fe-based Heusler compounds”
15:30-16:00	<i>Invited Speaker: Osman Murat ÖZKENDİR</i> , Tarsus University “XAFS study of ionic activity in NaFeO ₂ cathode material”
16:00-16:15	COFFEE BREAK
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair: Teoman ÖZTÜRK
16:15-16:30	Fatih ÖKSÜZOĞLU , Osman Murat ÖZKENDİR, Şule ATEŞ, Gültekin ÇELİK, Yasin Ramazan EKER, Tarsus University “Characterization of flexible LATP/PEO+SN composite solid electrolyte”
16:30-16:45	Nezihe MEHTAP , Yasemin GÜNDOĞDU, Hamdi Şükür KILIÇ, Selçuk University “TiO ₂ @Ag nanoparticle production and investigation of characteristic properties”
16:45-17:15	<i>Invited Speaker: Yun Suk EO</i> , Texas Tech University “When topology and strong correlation meet: SmB ₆ , FeSi and FeSb ₂ ”



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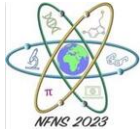
Time (Istanbul GMT+3)	OCTOBER 03, 2023 (TUESDAY)
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair: Hamdi Şükür KILIÇ
10:00-10:30	<i>Invited Speaker: Ahmed YUSUPOV</i> , Tashkent University of Information Technology "Some degradation effects in nanoscale MOSFETs"
10:30-11:00	<i>Invited Speaker: Izeddine ZORKANI</i> , University of Sidi Mohamed Ben Abdellah "Optoelectronic properties of inhomogeneous quantum disk under external excitations for photonic applications"
11:00-11:30	<i>Invited Speaker: Abdelkrim EL-GHAYOURY</i> , University of Angers "Terpyridine based multifunctional ligands and their metal complexes for (non)linear applications"
11:30-12:00	<i>Invited Speaker: Constantinos KOSMIDIS</i> , University of Ioannina "Interaction of asymmetric w/2w fs laser fields with molecules"
12:00-13:30	LUNCH BREAK
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair: Semahat KÜÇÜKKOLBAŞI
13:30-14:00	<i>Invited Speaker: Mustafa YILMAZ</i> , Selçuk University "Sensor studies with calixarenes"
14:00-14:30	<i>Invited Speaker: Arunas RAMANAVICIUS</i> , Vilnius University "Conducting polymers in affinity sensor design"
14:30-15:00	<i>Invited Speaker: Omayma ELDAHSHAN</i> , Ain Shams University "Chemical profiling and antiaging activity of Stenocarpus sinuatus leaves extract"
15:00-15:30	<i>Invited Speaker: Claudio FERRANTE</i> , University Chieti-Pescara "Chemical composition and biological properties of the hydroalcoholic extract from the Allium sativum L. ecotype "Sulmona red garlic" "
15:30-16:00	COFFEE BREAK
	VIRTUAL HALL - 1 (CLICK HERE FOR THE ZOOM LINK)
	Chair: Mustafa YILMAZ
16:00-16:15	Fatih DURMAZ , Yasin ANDIRICI, Selçuk University "Examination the chemical properties of water used in swimming pools"
16:15-16:30	Ayşenur YANARTAŞ , Meltem GÜLEÇ, Rabia Sare YANIKOĞLU, Fatma GÖÇ, Gülbahar Özge ALİM TORAMAN, Gülaçtı TOPÇU, Bezmialem Vakıf University "The caenorhabditis elegans life-span activity of trigonellafoenum-graecum seed extracts"
16:30-17:00	<i>Invited Speaker: Sanju A. SANJAYA</i> , West Virginia State University "Potentials of biotechnology to produce renewable hydrocarbons in plants for dealing with the effect of climate change"
17:00-17:30	<i>Invited Speaker: Süleyman ÇOŞKUN</i> , Yale University "The role of epigenetic regulations in brain tumors"



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Time (Istanbul GMT+3)	OCTOBER 04, 2023 (WEDNESDAY)	
	VIRTUAL HALL – 1 (CLICK HERE FOR THE ZOOM LINK)	
	Chair: Gülsüm AYDIN	
10:00-10:30	<i>Invited Speaker: Onur ERGEN</i> , Istanbul Technical University “Quantum electron engineering: Pioneering the next wave of energy and electronics technologies”	
10:30-11:00	<i>Invited Speaker: Seçkin AKIN</i> , Necmettin Erbakan University “Addressing the Stability Concerns in Perovskite Solar Cells”	
11:00-11:15	Hajyer KERIA , University of Mohamed Boudiaf “Unraveling the relationship between climate change, droughts, and vegetation degradation: A comprehensive analysis of the Reghaia basin using modis data”	
11:15-11:30	Bakr ALDOORI , Malath Khalaf RASHEED, Semahat KÜÇÜKKOLBAŞI, Samarra University “Augmenting antibacterial efficacy of Schiff bases for pharmaceutical materials through zinc ion complexation”	
11:30-11:45	Ayhan ALTUN , Gebze Technical University “Sensitive fluorescent Schiff Base-Pd(II) complex for detection of TNP in aqueous medium”	
11:45-12:00	CLOSING CEREMONY (Semahat KÜÇÜKKOLBAŞI, Dean of Science Faculty)	



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LIST OF ZOOM LINKS

DATE	VIRTUAL HALL	ZOOM LINK
02.10.2023 (MONDAY)	VIRTUAL HALL - 1	https://us06web.zoom.us/j/86574926199
03.10.2023 (TUESDAY)	VIRTUAL HALL - 1	https://us06web.zoom.us/j/81660306018
04.10.2023 (WEDNESDAY)	VIRTUAL HALL - 1	https://us06web.zoom.us/j/86559947979



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This Congress is supported by the BAP office of Selçuk University with the project number 23702008.