



EASTERN MEDITERRANEAN UNIVERSITY CIVIL ENGINEERING DEPARTMENT TO HOST AN INTERNATIONAL CONGRESS

Eastern Mediterranean University (EMU), Faculty of Engineering, Department of Civil Engineering will host the 15th International Congress on Developments in Civil Engineering, traditionally held since 1993. The international congress will be held on September 6-7-8, 2023, at the Rauf Raif Denktaş Culture and Congress Center and will feature contributions from over 100 participants from 37 different countries.

Supported by the Union of Chambers of Turkish Engineers and Architects – Chamber of Civil Engineers, as well as the Cyprus Turkish Union of Chambers of Engineers and Architects – Chamber of Civil Engineers, the congress is organized by partner universities EMU, Boğaziçi University, METU, ITU, Ege University, Karadeniz Technical University, and Yıldız Technical University. A public Earthquake Panel will also be held on the last day of the congress.

EMU will host this international congress, which has been held for over 30 years and will feature scientists from Europe, North Africa, the Middle East, the USA, Australia, and the Far East, for the third time this year. The Congress will be chaired by EMU Civil Engineering Department academic staff member Prof. Dr. Umut Türker. The keynote speakers include METU Civil Engineering academic staff member Prof. Dr. İ. Özgür Yaman, University of Illinois at Urbana-Champaign Building Concentration academic staff member and School of Architecture Faculty, Building Performance Program Department Head Prof. Dr. Abbas Aminmansour, University of Glasgow Water Engineering Laboratory



Eastern Mediterranean
University



Director Prof. Dr. Manousos Valyrakis, and ITU Civil Engineering Faculty Member Prof. Dr. Yasin Fahjan.

The Congress will commence with an opening ceremony on Wednesday, September 6, 2023, at 10:00 a.m., in the Grand Hall. The opening speeches will be delivered by EMU Civil Engineering Department academic staff member and Congress Chair Prof. Dr. Umut Türker, EMU Civil Engineering Department Head Assoc. Prof. Dr. Eriş Uygur, EMU Faculty of Engineering Dean Prof. Dr. Hüseyin Özkaramanlı, and EMU Rector Prof. Dr. Aykut Hocanın.

Earthquake Panel to Be Held Open to Public on September 8

On the last day of the conference, Friday, September 8, 2023, at 1:30 p.m., a public panel on earthquakes will be held in the Grand Hall. The panel will feature presentations in Turkish on research related to the earthquake resistance of structures in Northern Cyprus, the seismicity of the island of Cyprus, and the Kahramanmaraş earthquake. The panel will be contributed to by two expert speakers from Turkey and EMU Vice-Rector Responsible for Administrative and Technical Affairs and Earthquake Specialist Prof. Dr. Serhan Şensoy.



EMU Faculty of Health Sciences
Awaits The Future Health
Professionals



Eastern Mediterranean University (EMU)
Faculty of Arts and Sciences Awaits New
Students with Its Strong Team of Faculty
Members Comprised of the World's Most
Influential Academicians



Champions Announced at
EMU's 11th Osman Maraşlı
Memorial Tournament



EMU FACULTY OF HEALTH SCIENCES AWAITS THE FUTURE HEALTH PROFESSIONALS

The Eastern Mediterranean University (EMU) Faculty of Health Sciences is looking forward to welcoming new students for the Fall Semester of the 2023-2024 Academic Year. The Faculty, having started its educational activities during the 2010-2011 Academic Year by admitting students to the Physiotherapy and Rehabilitation, Nutrition and Dietetics, and Nursing Departments, introduced the Sports Sciences and Health Management Departments in the 2011-2012 Academic Year, which were a first in the Turkish Republic of Northern Cyprus (TRNC). In the 2012-2013 Academic Year, the Faculty added the School of Health Services, Anesthesia and First Aid associate degree programs, and in subsequent years, integrated programs like Dialysis, Medical Imaging Techniques, Physiotherapy, Radiotherapy, Operating Room Services, and Dental Health into its body. By the 2019-2020 Academic Year, it had also incorporated the Orthopedic Prosthesis-Orthesis associate degree program. As of the 2023-2024 Academic Year, a first-of-its-kind Paramedic undergraduate department has been launched in Northern Cyprus. Celebrating its 13th year, EMU's Faculty of Health Sciences has expanded to offer English undergraduate programs in Nutrition and Dietetics, Physiotherapy and Rehabilitation, and Nursing, as well as three master's and two doctoral programs. With these additions, the Faculty has become a leading educational institution in training Health Professionals and Health Technicians.

Advanced Technology Laboratories

Aiming to elevate laboratory standards for training health professionals, EMU Faculty of Health

Sciences successfully readied its technologically advanced laboratories for student use in its first year, with new labs being added annually. In the 2022-2023 Academic Year, with the opening of the "Türkan Aziz Nursing Skills Laboratory", the Faculty's lab infrastructure has been further strengthened and equipped with advanced models.

Quality Education and Service to Community Health

EMU's Faculty of Health Sciences places great importance on national and international accreditations. The Physiotherapy and Rehabilitation Undergraduate Program has been accredited for five years, from March 19, 2021, to September 30, 2026, by the Health Sciences Education Programs Accreditation Board (SABAK). The Nutrition and Dietetics and Nursing Departments are also in the accreditation application process. Beyond training professionals, the Faculty aims to contribute to community health. Since its inception, it has pioneered services in TRNC like the Healthy Living Center, and Prosthesis Orthesis and Biomechanics Center, significantly contributing to public health with the support of its expert academic staff.

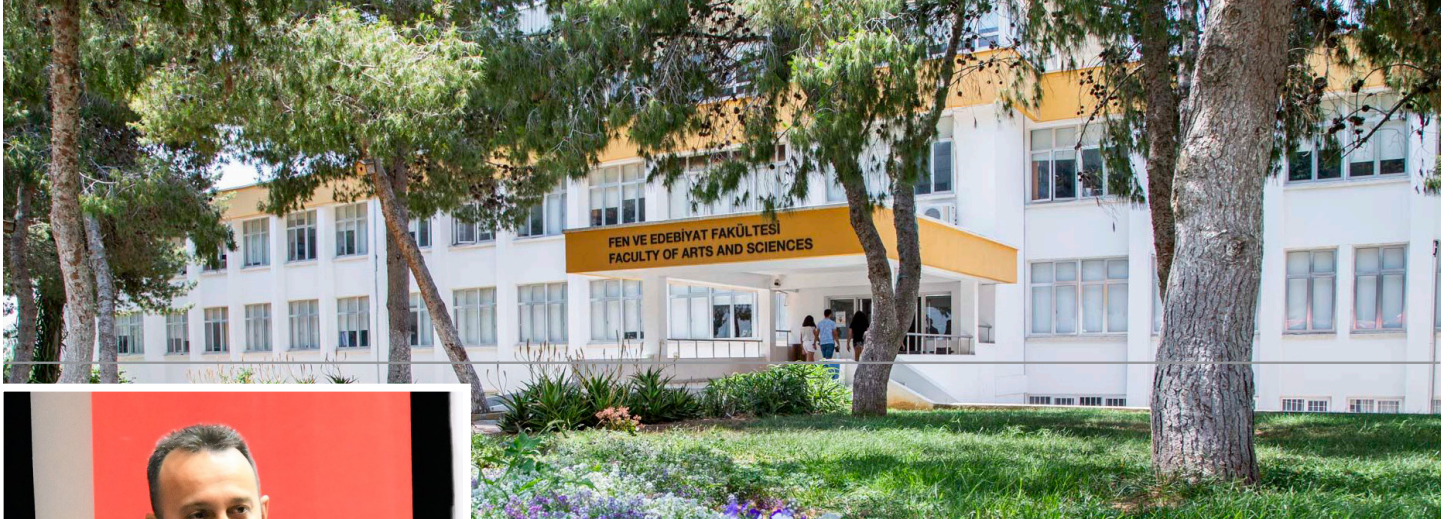
Departments, Centers, and Modern Labs Ascending Steadily

With its established departments, centers, and modern laboratories, the Faculty continues to climb the ladder, integrating with contemporary and advanced global education systems. It plans to keep growing in the coming years with new faculty members, departments, labs, and centers.



Well-equipped Individuals for the Country's Future

Regarding the topic, Dean of EMU's Faculty of Health Sciences, Prof. Dr. Mehtap Malkoç, emphasized that their scientific activities are shaped both by national needs and global developments. Prof. Dr. Malkoç stated, "We aim to train our students to be professional individuals who are creative, ethically responsible, community-conscious, collaborative, multidimensional thinkers, lifelong learners, researchers, productive, open to innovations, and active in multidisciplinary efforts." Prof. Dr. Malkoç also mentioned that their goal is to be an internationally recognized educational and research institution, producing and disseminating knowledge at the level our country needs in the health sector. In this context, Prof. Dr. Malkoç pointed out the importance of practical case experiences in each department alongside theoretical knowledge. She highlighted their significant steps in creating new practice areas for students. Prof. Dr. Mehtap Malkoç also expressed, "Our goal is not only to train qualified health professionals who will represent our University nationally and internationally but also to be a pioneering faculty in promoting faculty-community collaboration, understanding the importance of enhancing the quality of life and health standards of the community, and being respectful to global values."



EASTERN MEDITERRANEAN UNIVERSITY (EMU) FACULTY OF ARTS AND SCIENCES AWAITS NEW STUDENTS WITH ITS STRONG TEAM OF FACULTY MEMBERS COMPRISED OF THE WORLD'S MOST INFLUENTIAL ACADEMICIANS

As one of the first three faculties established at Eastern Mediterranean University (EMU), the Faculty of Arts and Sciences has been a leader among Arts and Sciences faculties since its foundation in 1988. Positioned in the 201-250 band for Physical Sciences (Statistics, Physics and Astronomy, Chemistry, Geology, Environmental Sciences, and Earth and Marine Sciences) in the Times Higher Education's world university rankings, the faculty has become the best educational institution in this field on the island of Cyprus and one of the leading institutions among the universities in Turkey.

In line with its vision and mission, EMU Faculty of Arts and Sciences attaches great importance to educational quality and research potential. The faculty's quality is further confirmed by its top ranking in the Nature Index and other prestigious evaluations, highlighting its leading position in the region.

Opportunity to Learn from the World's Most Influential Academicians

The quality of the EMU Faculty of Arts and Sciences lies in its strong academic team. Recently, 14 EMU academics have made it to the "World's

Most Influential Scientists" list coordinated by Stanford University in the U.S., in collaboration with a team of American and Dutch scientists. Of these 14 academicians, eight are part of the Faculty of Arts and Sciences at EMU.

High Standard Vision Brings Success

Dean of the Eastern Mediterranean University Faculty of Arts and Sciences Prof. Dr. Mehmet Ali Özarslan, emphasized that the faculty continues its work in line with the high-standard vision they have established for the quality of education and research. Prof. Dr. Mehmet Ali Özarslan also stressed that the success achieved is not coincidental. Prof. Dr. Özarslan pointed out that the faculty's strong academic team, which includes influential academics at a global level, and the increasing trend in academic publications year by year, have played a significant role in this rise. Prof. Dr. Mehmet Ali Özarslan reported that they take great pride in the Faculty of Arts and Sciences at EMU being a leader in the region and among the best Arts and Sciences faculties in the world.

High Quality Undergraduate and Research Laboratories

The Faculty of Arts and Sciences at EMU houses 19 top-tier labs, including 12 undergraduate and 7

research labs. Students receive quality education in three mathematics and computer labs, two psychology labs, two translation and interpretation labs, a biology lab, and two physics and chemistry labs. World-class research opportunities are also provided in specialized labs for mathematics, psychology, biology, and physics, as well as three chemistry research labs. Eleven of these labs have been established or upgraded in the last six years.

International Memberships and Accreditations

The faculty places great emphasis on international memberships and accreditations. The Mathematics Department is a member of the American Mathematical Society (AMS). Furthermore, the Molecular Biology and Genetics undergraduate program and the non-thesis Medical Biotechnology Master's program have been accredited by Germany-based ASIIN. Only 11 universities in Turkey and EMU in Northern Cyprus have the English Psychology undergraduate program accredited by the Turkish Psychological Association (TPA), which certifies its high educational standards. Prof. Dr. Mehmet Ali Özarslan emphasized that, as a result of the quality education and opportunities provided, graduates can easily gain admission to postgraduate programs at leading universities worldwide and secure employment in competitive job markets.

EMU-ATAUM'S 30 AUGUST VICTORY DAY STATEMENT



Eastern Mediterranean University Atatürk Research and Application Center (EMU-ATAUM) President Assist. Prof. Dr. Turgay Bülent Göktürk released a statement on the 101st anniversary of 30 August Victory Day. Assist. Prof. Dr. Turgay Bülent Göktürk's statement reads as follows:

“The 101st anniversary of the Victory Day is the day when the last step of the Action Phase of our National Liberation Struggle, initiated by the Great Leader Atatürk going to Samsun, was taken. Today is the day when a

nation succeeded in the National Liberation Struggle, which started with the slogan “either independence or death...” despite all the hardships and difficulties, and saved the country from the imperialist occupation forces.

In Atatürk's own words; “The 30 August Victory is the most important turning point in the Turkish History. Our national history is full of great and brilliant victories, but I do not remember a battle that was as decisive as the victory of the Turkish Nation here, and that was effective in giving a new direction not only to our history but also to world history. Obviously, the establishment of the new Turkish State, the young Turkish Republic, was consolidated here, and its immortal life was crowned here. The Turkish blood shed in this area, the spirits of martyrs in these skies are the immortal protectors of our state and our republic.

After the successful conclusion of the “Great Offensive”, also known as the Battle of the Commander-in-Chief in the international literature, due to the fact that the commanders-

in-chief of both armies were actually on the battlefield, the Greek forces were followed up to Izmir on 9 September, 1922, and the Turkish lands were completely cleared of the occupation forces with the liberation of Izmir on 9 September, 1922.

This victory showed the world once again that there is no force that can break the Turkish nation's struggle for existence. With the 30th of August victory, our nation gave an unforgettable lesson to those who united with the goal of erasing us from the stage of history by establishing that no compromises will be made regarding our independence and liberty.

On this meaningful day I would like us to remember Atatürk's following words: “Victory is for those who can say ‘Victory is mine’. Success is for those who will first say ‘I will succeed’ and then ‘I have succeeded’ in the end”. Once again, we commemorate Mustafa Kemal Atatürk and his comrades as well as all martyrs that died for this land with great respect and gratitude. Happy 30th of August Victory Day!

“7TH INTERNATIONAL CONFERENCE ON BANKING AND FINANCIAL PERSPECTIVES” FROM EMU



Eastern Mediterranean University (EMU) Faculty of Business and Economics, Department of Banking and Finance will hold the “7th International Conference on Banking and Financial Perspectives” sponsored by

Garanti BBVA on 19-20 October, 2023. In a statement made by Prof. Dr. Salih Katircioğlu, Head of the EMU Faculty of Business and Economics, Department of Banking and Finance, the following remarks were made: “Approximately 70 applications have been received from 12 different countries for the conference which will feature expert academicians and bankers in the field. Presentations will be conducted in different sessions. Details of the conference can be found at <https://icbfp.emu.edu.tr/en> .

In the conference; in addition to subjects pertaining to general economy and specifically financial markets during volatile periods, topics such as effective monetary policies that central banks should implement, volatility

models, the importance of supervision and control, Islamic banking, microfinance, and capital markets will also be discussed. Furthermore, topics like corporate financing, crisis management, economic development, and energy economics will also be covered. After the opening speeches on the first day of the conference, esteemed academician Prof. Dr. Sabri Boubaker from EM Normandie Business School in the United Arab Emirates will make a presentation. Our conference, held annually, becomes more visible through international collaborations while also being more academically productive. The conference series, the 7th of which we will hold this year, carries great importance not only in contributing to the academic life of the country but also in terms of promoting the country.

CHAMPIONS ANNOUNCED AT EMU'S 11TH OSMAN MARAŞLI MEMORIAL TOURNAMENT

The 11th of the "Osman Maraşlı Memorial Tournament", which is the first triad beach volleyball tournament of the Turkish Republic of Northern Cyprus (TRNC), organized by the Sports Affairs Directorate of Eastern Mediterranean University (EMU), took place at the EMU Beach Club facilities on August 26-27, 2023. The event was attended by Prof. Dr. Deniz İşçioğlu, Vice Rector FOR Social and Cultural Affairs, Sports Affairs Director Cemal Konnolu, along with many volleyball enthusiasts and spectators. The champions of the tournament were determined through semi-final and final matches played on Sunday, August 27, 2023.

A Total of 111 Athletes Competed

In the tournament, 12 teams competed in the triad women's category, 11 teams in the triad men's category, and 14 teams in the triad mixed category. The teams that emerged as champions are: Naz - Derin - İsmihan in the triad women's category; Kemal Ş. - İsmail - Osman in the triad men's category; and Arda - Osman - İsmihan in the triad mixed category. After the final matches, an award ceremony was held where the winning teams received trophies and cash prizes, presented by Prof. Dr. Deniz İşçioğlu, Cemal Konnolu, Hakkı Duvarcı, Ahmet Özkaramanlı, and Gürkan Gazioğlu. The ranking of the teams in the EMU's 11th Osman Maraşlı Memorial Tournament is as follows:

Triad Men's:

1. Kemal Ş. - İsmail - Osman
2. Kemal - Ardi - Talat
3. Ali D. - Münür - Ali Osman
4. Cafer - Atakan - Ege K.
5. Tunç - Ertan - Hüseyin
6. Cemal - Ecevit - Milad

Triad Women's:

1. Naz - Derin - İsmihan
2. Ela Naz - Leman - Özgü
3. Sonay - Valeria - Naz

Under 18 Mixed:

1. Arda - Osman - İsmihan
2. Ege - Ahmet - Belis
3. Naz Serhat - Kaan - Nejati
4. Yağmur - Ege K. - Eren

Special Awards:

- Champion Angels Special Award: Sedat Kılıç
 Youngest Participant: Havin Bolat
 Strongest Woman: İsmihan
 Strongest Man: Kemal Şah
 Best Spectator: Hasan Lisani
 Best Amateur: Osman and Talat



EMU OBSERVES SUPER BLUE MOON

The Eastern Mediterranean University (EMU) Social and Cultural Activities Directorate organized a Blue Moon Observation Event at the EMU Beach Club.

The said event, which took place at 04:00 a.m. a few days ago, was attended by Prof. Dr. Deniz İŖciođlu, Vice Rector for Social and Cultural Affairs; iđdem Duvarcı, staff member in charge of the Student Clubs Unit; academic staff members from EMU Faculty of Arts and Sciences, Physics Department, members of the EMU Astronomy and Space Club as well as over 80 sky enthusiasts. The participants had the opportunity to observe the magic of the moon illuminating the night sky through telescopes owned by EMU and binoculars they brought with them, under the guidance of faculty members from the EMU Physics Department.



This Week's Academic Publications

Source: Web of Science

Faculty of Pharmacy

1- Hacet, Fatma, **Eda Becer**, Hafize Seda Vatanserver, and Sevinc Yucecan. "Investigation of Neuroprotective Effects of Sulforaphane and Allyl Isothiocyanate in an in Vitro Alzheimer's Disease Model." PHARMACOGNOSY MAGAZINE, 2023. (Early Access)

Faculty of Arts & Sciences

1- **Ansari, Hoda, Akeem Adeyemi Oladipo, and Mustafa Gazi**. "Alginate-Based Porous PolyHIPE for Removal of Single and Multi-Dye Mixtures: Competitive Isotherm and Molecular Docking Studies." INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 246 (August 2023).

2- **Mustafa, Omar, and Faizuddin Ahmed**. "A Note on "The Klein-Gordon Oscillator in (1+2)-Dimensions Gurses Space-Time Backgrounds{""} Ann. Phys. (N. Y.) 404 (2019) 1." ANNALS OF PHYSICS 457 (October 2023).

Faculty of Business & Economics

1- Kayacan, Murad, and **Burak Erkut**. "Ecological Footprint-Technological Innovations Nexus: New Empirical Evidence

from Panel Data Estimations." ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2023. (Early Access)

2- Sanli, Sera, **Mehmet Balcilar**, and Mehmet Ozmen. "Predicting the Volatility of Bitcoin Returns Based on Kernel Regression." ANNALS OF OPERATIONS RESEARCH, 2023. (Early Access)

3- Tajeddini, Kayhan, Thilini Chaturika Gamage, **Javad Tajdini**, Sikandar Ali Qalati, and Faiza Siddiqui. "Achieving Sustained Competitive Advantage in Retail and Consumer Service Firms: The Role of Entrepreneurial Orientation and Entrepreneurial Bricolage." JOURNAL OF RETAILING AND CONSUMER SERVICES 75 (November 2023).

Faculty of Engineering

1- **Sobhani, Emad, and Babak Safaei**. "Vibrational Characteristics of Attached Hemispherical-Cylindrical Ocean Shell-Structure Reinforced by CNT Nanocomposite with Graded Pores on Two-Parameter Elastic Foundations Applicable in Offshore Components." OCEAN ENGINEERING 285, no. 2 (October 2023).

2- **Sobhani, Emad, and Babak Safaei**. "Vibrational Development of Nanocomposite Cylindrical Shells by

Employing Reduced Graphene Oxide (RGO) as a Nanoscale Strengtheners." ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS 155 (October 2023): 920-34.

3- Mohammadzadeh, Saeed, Vitor Heloiz Nascimento, Rodrigo C de Lamare, and **Osman Kukrer**. "Covariance Matrix Reconstruction Based on Power Spectral Estimation and Uncertainty Region for Robust Adaptive Beamforming." IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS 59, no. 4 (August 2023): 3848-58.

4- Guler, Naki, **Hasan Komurcugil**, Sertac Bayhan, and Haitham Abu-Rub. "Simplified Single-Stage Buck-Boost Rectifier With Proportional-Integral and Cascaded Proportional-Resonant Control Method." IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS 71, no. 1 (January 2024): 348-59.

Faculty of Health Sciences

1- Ilkhan, Esra, and **Gulten Sucu Dag**. "The Incidence and Risk Factors of Pressure Injuries in Surgical Patients." JOURNAL OF TISSUE VIABILITY 32, no. 3 (August 2023): 383-88.

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