



ECOSF NEWSLETTER



Seasons Greetings

From
ECO Science Foundation (ECOSF)
www.ecosf.org

Message by President ECOSF, Prof. Seyed Komail Tayebi on the New Year Eve.

Dear Colleagues,

As we welcome the New Year, I extend warm greetings and heartfelt optimism to all. The past years tested our resilience, but our shared commitment to knowledge prevailed. In 2024, let us carry forward the torch of curiosity and collaboration that defines our progress.

In unity, we have overcome obstacles and expanded our knowledge. Let's reaffirm our dedication to open inquiry, collaboration, and knowledge dissemination. Scientists, researchers, and educators bear a profound responsibility to contribute to societal betterment.

May 2024 be characterized by scientific frontiers being pushed and new areas being explored. Let's embrace diversity, ensuring varied perspectives enrich our discourse. Foster an environment where mentorship empowers the next generation.



Confident in our collective abilities, we'll usher in a new era of scientific discovery may enthusiasm and determination guide us through challenges and opportunities on our path to sustainability as we demonstrate our commitment to the ECO region. Wishing you a Happy New Year filled with inspiration, collaboration, and the joy of unraveling the wonders of the universe.

Prof. Seyed Komail Tayebi
President, ECO Science Foundation (ECOSF)

President ECOSF visits Department of Economics at NUST

President ECOSF Professor Seyed Komail Tayebi visited Department of Economics at NUST on December 1st, 2023. During the visit, President Tayebi met Dr. Muhammad Zahid Siddique, the Head of Department at the School of the Social Sciences and Humanities, NUST on 01 December 2024. Both sides discussed the avenues for expanding the collaboration in the areas of economic and business. Prof. Tayebi also invited the Department of Economics to join as a collaborator in the the International Conference on Economic Regionalization which is being planned by ECOSF to host in 2024.



Collaborative Endeavors in Disaster Risk Reduction - A Visit by Chinese Disaster Risk Professionals to ECOSF

A delegation of esteemed Chinese Disaster Risk Professionals recently visited the ECO Science Foundation (ECOSF) to engage in discussions on disaster risk reduction and related initiatives. The delegation comprised:

1. Prof. Han Qunli, Director Integrated Research on Disaster Risk (IRDR)
2. Ms. Lian Fang, Science Officer, IRDR
3. Prof. Hong Tianhua, Executive Director, China-Pakistan Joint Research Centre on Earth Sciences Islamabad



The delegation was warmly welcomed by Prof. Seyed Komail Tayebi, President of ECOSF, during their visit. The meeting was attended by Dr. Ghulam Muhammad Memon, Executive Director, and Advisor Prof. Manzoor H. Soomro and other staff members of the ECOSF. Prof. Tayebi appreciated the important role China in enhancing the Science, Technology and Innovation in the Belt and Road Countries. Prof. Tayebi further underlined that China is a role model for innovative governance, socio-economic growth and people centric approach for many developing countries in the new era of the World Economy.

Engr. Khalil Raza, Programme Manager for Energy and Climate at ECOSF presented an insightful overview of ECOSF, outlining its various programs and the dedicated resources it has developed to address Climate Change Mitigation and Disaster Risk Reduction across the ECO Member Countries.

Prof. Han Qunli, the Director of Integrated Research on Disaster Risk (IRDR) delivered a comprehensive presentation on the pivotal role of IRDR. He introduced IRDR as an international scientific program co-sponsored by the International Science Council (ISC) and the United Nations Office for Disaster Risk Reduction (UNDRR), with support from the China Association of Science and Technology (CAST).



The mission of IRDR as highlighted by Prof. Han Qunli is to mobilize science for the reduction of all types of disaster risk. This involves building resilience, reducing vulnerability, and integrating risk science with climate change adaptation and mitigation, along with sustainable development. The presentation emphasized the importance of promoting a better understanding of disaster risk and utilizing risk science effectively in decision-making processes.

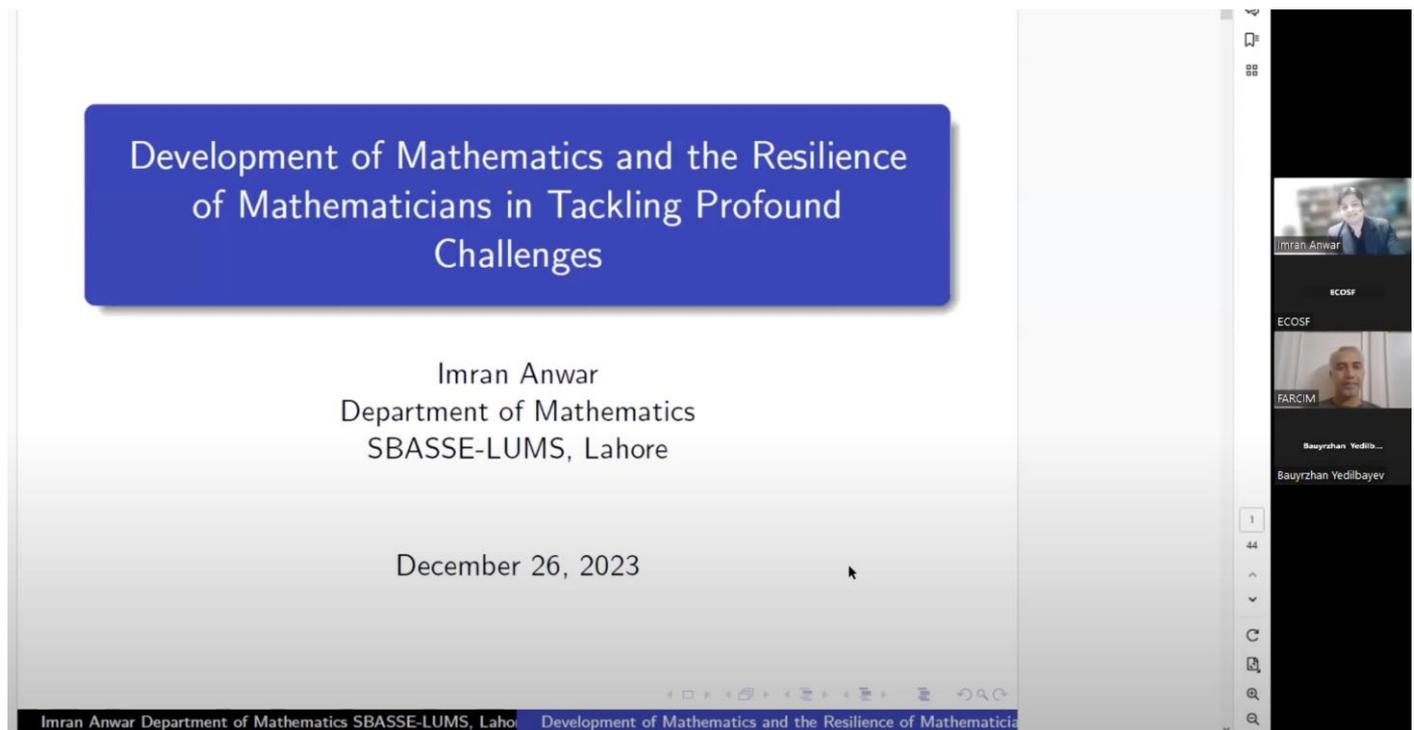
ECOSF in Partnership with UISMS hosted a Webinar on Development of Mathematics and the Resilience of Mathematicians in Tackling Profound Challenges

In a collaborative effort to promote the understanding and appreciation of Mathematics and Science, the ECO Science Foundation (ECOSF) and the Union of Iranian Societies of Mathematical Sciences (UISMS) organized a webinar as part of its ongoing lecture series. Prof. Dr. Nazeer Muhammad, Assistant Professor at Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology moderated the webinar and provided an engaging environment for intellectual exchange and exploration on the important role of mathematics.

The webinar was entitled "Development of Mathematics and the Resilience of Mathematicians in Tackling Profound Challenges," which took place on Tuesday, December 26, 2023 providing participants with an insightful journey into the fascinating world of Mathematics.

Dr. Imran Anwar, the esteemed Chair and Associate Professor at the Department of Mathematics at Lahore University of Management Sciences (LUMS) in Pakistan led the session as the invited guest speaker. His expertise and passion for the subject energized the virtual space as he delved into the historical development of Mathematics emphasizing the significant roles played by various eras and applications of mathematics in addressing many challenges.

The lecture began with an exploration of the Babylonian era showcasing the early roots of mathematical concepts. Dr. Anwar then navigated through the influence of Religious Rituals, shedding light on the integration of Mathematics into cultural practices. The contributions of Greek Mathematicians and their enduring impact on the subject were highlighted along with insights into Greek Time Capsules and the Roman Era - notably their role in developing the Cypher. Later, Dr. Imran outlined the Middle Ages where the amalgamation of Algebra and contributions from Arab scholars became pivotal.



Dr. Imran Anwar concluded the lecture by examining the evolution of Mathematics into the realm of modern mathematical tools, showcasing the resilience of mathematicians throughout history in confronting profound challenges. Participants left with a deeper understanding of the rich history of Mathematics and the enduring dedication of mathematicians in shaping our world.

Recorded session is available on YouTube: <https://www.youtube.com/watch?v=fYvBbMq5ab4&t=463s>

ECOSF participated in the 2nd High Level University Representatives Forum by organized by ECOEI

The ECO Secretariat and ECO Educational Institute organized jointly the 2nd High Level University Representatives Forum virtually on December 20, 2023. Aiming at creating a high-level platform to discuss the challenges faced by international students in the ECO Region, the forum was attended by the Heads and Deputy Heads of universities and regional institutes as well as notable experts, scholars, professors and students.

In his opening remarks, the Deputy Secretary General, Mr. Kashif Zaman said that ECO attached immense



importance to improved education standards in the region. He said that in today's modern and globalized world where skills matter most and where artificial intelligence is shaping almost every aspect of life, education is a foundation for a prosperous future and a license to self-emancipation. He remarked that university campuses were an ideal place to learn from others and to understand their rich diversity. He said international students have to cope with multiple challenges in their new place of living, including language barriers, academics, social and cultural differences, discrimination, as well as emotional, financial and administrative issues.

The President of ECO Educational Institute, Prof. Akif Kireççi, and the President of ECO Science Foundation, Prof. Seyed Komail Tayebi in their statements highlighted the role of scientific collaboration among the ECO Member States and the need for improved cooperation on visa and immigration, internships, employment, housing and other related issues.

During the two sessions, the selected speakers from the ECO Universities shared their views on personal and social as well as administrative challenges in which the students are usually faced with them in the region.



ECOSF participated in the Conference on Sustainable Cyber Secure Pakistan Vision 2030 hosted by SDG Academy, PISA and Security Experts.

On December 13, 2023, the ECO Science Foundation (ECOSF) participated in the "Conference on Sustainable Cyber Secure Pakistan Vision 2030, organized by the SDG Academy Pakistan, Security Experts Pvt Ltd and the Pakistan Information Security Association (PISA). The conference highlighted the "Cyber Secure Pakistan" initiative led by PISA, with the goal of securing the country on cyber fronts to ensure the smooth functioning of society and the economy. CSP serves as an open dialogue platform, fostering collaboration between the State, civil society, policy makers, enablers, and experts in the field. The initiative encourages tech-talks, focused panel discussions, and networking opportunities to address the diverse stakes and interests in cyber security.



The conference aimed to address the pressing need for sustainable cyber security practices in Pakistan bringing together experts from various sectors to discuss emerging trends, challenges, and solutions in the field. On behalf of ECOSF, President Prof. Seyed Komail Tayebi and Engr. Khalil Raza actively engaged in the conference.

Mr. Ammar Jafferi, Chairman of PISA, delivered the welcome speech to set the tone for the conference. Industry experts presented speeches covering global best practices in achieving sustainable cyber security in Pakistan. The primary objectives were to engage relevant stakeholders from both the private and public sectors in discussions surrounding emerging trends, challenges, and solutions in cyber security. Specific topics included discussions on Computer Emergency Response Team (CERT) and Digital Forensics.

Representatives and participants hailed from diverse backgrounds, including Defence Forces, Police Department, FIA, Banks, and various private sector organizations. The conference addressed the evolving global cyber threats and the increasing frequency of data breaches.

President ECOSF Hosts Yalda Celebration Lunch for ECOSF Staff

On the auspicious occasion of Yalda, a significant Iranian event symbolizing the triumph of light over darkness, President of the ECO Science Foundation (ECOSF), Prof. Seyed Komail Tayebi, hosted a delightful lunch for ECOSF colleagues and staff. The event was a celebration of cultural richness bringing together the ECOSF family in a joyous gathering.

The lunch, meticulously prepared by President Tayebi and his spouse, featured a spread of traditional and festive Iranian cuisine. The choice of dishes reflected the essence of Yalda, where families and friends come together to share delicious food and mark the longest night of the year.



Beyond the culinary delights, the event was enriched with cultural elements. President Tayebi, graced the gathering with recitations of Iranian poetry, adding a poetic touch to the celebration.

In the end, President Tayebi his spouse provided a historical account of the significance of Yalda, narrating the traditions and customs associated with this age-old event. The insightful commentary helped staff members understand the deeper cultural and historical context of Yalda fostering a sense of appreciation for this cherished Iranian tradition.

Upcoming Events posted on ECOSF website and Facebook Page

International Training Course on Electric Vehicles for ECO Member Countries

International Training Course on China's Electric Mobility Industry for ECO Member Countries



Host: Department of International Cooperation, Ministry of Science and Technology of the People's, Republic of China

Organizer: National Electric Vehicle Technology Innovation Center China (NEVC)

Co-organizer: ECO Science Foundation

Venue: Beijing, China

Training Dates: April 15, 2024 - April 29, 2024 (15 Days)

Target Participants: Government officials, entrepreneurs, industrial practitioners, and research scholars from the ECO Member Countries in the automotive and transport sectors.

Registration Deadline: January 25, 2024

ECOSF@NEVC@Training@Course@on@Electric@Vehicles

Why should you attend?

- Elevate your technical capacity in EV development
- Gain first-hand knowledge of China's EV products & technologies
- All-the local hospitality in Beijing is provided by the organizers

Eligibility

- Relevant work experience in the industries such as automobiles, transportation, or in clean energy.
- Provide a report on the current development status of their domestic automotive industry.
- Excellent English communication.
- Participants should be able to fund their round-trip air travel from their respective destinations to Beijing.

Important Note: Organizers will provide local hospitality, including hotel accommodation, meals, and local transportation within China for the entire duration. Personal Medical & Accident Insurance during the training period will also be provided.

International Collaboration

- Network with experts from ECO member countries
- Promote industry exchange with China's EV leaders
- Visit cutting-edge enterprises for hands-on learning

How to Apply

- Fill out the [registration form](#) by **January 25, 2024**
- ECOSF will review and reach out to the shortlisted candidates.
- Only shortlisted candidates will be communicated.

For queries and contact

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ECOSF - NEVC Training Course on Electric Vehicles

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Seize the opportunity to be at the forefront of electric vehicle innovation!

- Join us in the International Training Course on Electric Vehicles co-organized by National Electric Vehicle Center (NEVC) and ECO Science Foundation in Beijing, China!
- Elevate your expertise in electric vehicle tech and network with industry leaders

Explore and Learn

1. Regulations and Inspection

- China's automobile market access regulations
- Vehicle & parts inspection and certification

2. Development Models

- Innovative and integrated development model of electric vehicles
- Development of electric multi-purpose delivery vehicle and application scenario analysis

3. Vehicle Design and Technology

- Electric vehicle design and development process
- Key technology analysis of electrical driving system for electric vehicles
- Key technology analysis of electrical controlling system for electric vehicles

4. Industry Trends and Future Prospects

- Analysis of the Development Characteristics and Trends of the Power Battery Industry for electric Vehicles
- Development and future prospects of electric vehicles
- Intelligent cockpit technical analysis and prospect of electric vehicle

5. Technological Advancements and Sustainability

- Intelligent chassis technology analysis of electric vehicle
- Advanced manufacturing technology for electric vehicles
- Development of electric vehicle charging and replacing technology

ECOSF - NEVC Training Course on Electric Vehicles

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For registration in the International Electric Vehicle Course click [here](#)

Invitation I-FEST² 2024

I-FEST², is an International Festival of Engineering Science and Technology in Tunisia, is a 9-day-festival organized by ATAST, the Tunisian Association for the future of Science and Technology, open for all students between the ages of 14 and 24.

The 9-day program will be an experience as unique, educational and fun as possible, including various activities and many new discoveries, and will include various trips and excursions to discover the rich Tunisian culture.

Read More: <http://ecosf.org/INVITATION-I-FEST-2024>

ECO Technology and Trade Expo and Conference (TTEC) 2024

The ECO Science Foundation plans to organize the **Technology and Trade Expo and Conference (TTEC) in Islamabad in 18-20, October 2024** to provide a platform for businesses, technology companies, organizations, and governments from the Member Countries to showcase their latest technologies, products, and services.

TTEC would essentially provide a platform for businesses, technology companies, organizations from the Member Countries to showcase their latest technologies, products, and services. ECOSF aims to host this conference and expo as its one its flagship and regular programmes to provide an opportunity for the Member Countries to explore new trade opportunities and strengthen existing partnerships. The would provide a forum for government officials, industry leaders, and experts to discuss and exchange ideas on how to promote sustainable economic growth and regional integration in the ECO region.



TTEC will cover a wide range of themes related to science and technology and trade as listed below:

- Clean Energy, Energy Efficiency and Sustainable Development
- Healthcare and Biotech
- Agri-Tech and Water Resource Efficiency
- Digital transformation and innovation (ICT, IoT, AI and Big Data)
- Regional integration and trade
- Entrepreneurship and SME development
- Education and human capital development (Universities, Research Organizations)
- Science and Technology

Please join us and become a partner, sponsor, and collaborator on the Technology and Trade Expo and Conference (TTEC).

For more information, please reach out to us at k.raza@ecosf.org.

17th National and the 11th International Conference on e-Learning and e-Teaching

The ICeLeT 2024 will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Artificial Intelligence and Advanced Technologies in e-Learning
- Innovative Educational Approaches in e-Learning
- E-Learning and Informal Education
- Generative AI and e-Learning
- Psychological, Social, Legal, and Economic Aspects of e-Learning
- Best Practices in e-Learning
- Evaluation and Quality Improvement in e-Learning

About the Conference

The 17th National and the 11th International Conference on e-Learning and e-Teaching (ICeLeT 2024) will be held in a joint collaboration with the Iranian Association of e-Learning (YADA). This conference provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of e-Learning and e-Teaching.

Read More: <http://ecosf.org/ICeLET-2024-Conference>

International Conference on Energy Resiliency and, Sustainability (ICERS2024) on April 18-19, 2024, in Tehran

Consequent to political events, climate change, and emerging technologies the recent years have witnessed major developments and challenges in the field of energy. To deal satisfactorily with these challenges and move closer to the achievements of the universally accepted Sustainable Development Goals (SDGs) requires close collaboration of scientists, engineers, and policy makers at national and international levels.

Towards this end and to pave the way to assist practitioners and potential investors overcome challenges and obstacles to constructive liaison cooperation and joint efforts Sharif University of Technology(SUT), in collaboration with the regional countries and support from the national and international institutions and corporations, intends to organize the first International Conference on Energy Resiliency and, Sustainability (ICERS2024) on April 18-19, 2024 in Tehran.

Read more: <http://icers2024.event.sharif.edu>

The poster for the International Conference on Energy Resiliency and Sustainability (ICERS2024) features a central graphic of a hand holding a globe surrounded by icons for energy, environment, and technology. The event dates are 18-19 April 2024 in Tehran, Iran. The main topics include Energy Policy and Planning, Energy Governance and Management, Energy Security, Energy Financing and Investment, Energy and Environment, Emerging Technologies and Industries, and Energy Resources. The event schedule includes a Panel Discussion (18-19 April), Paper Presentation (18-20 April), Workshops (18-22 April), and an Exhibition (18-19 April). A table of important dates for paper submission is provided below.

Paper Submission		Important Dates	
Abstract submission Deadline:	20 January	Notification of Acceptance:	30 January
Full-Paper Submission Deadline:	29 February	Notification of Full-Paper Acceptance:	15 March

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