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BEIRUT ARAB UNIVERSITY - FACULTY OF ENGINEERING - NEWSLETTER ISSUE 1

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FACULTY OF ENGINEERING

NEWS

Tripoli Annual Iftar (ASCE - ASME - IEEE SB Tripoli)

The ASCE, ASME, and IEE BAU Tripoli Student Chapters held their annual iftar at Baytna restaurant, Tripoli. They broke their fast together while enjoying the joyfulness and blessings of the holy month. They send their gratitude to all the supportive faculty members and professors who attended the event.



01

07 April

02

04 April



Humans Before Engineers (IEEE SB Tripoli)

Believing that we are humans before engineers and believing in the power of community service, IEEE BAU Tripoli Club members served Iftar meals for hundreds of poor families in Tripoli, in collaboration with Maidat Al Mahabba charity restaurant.

Solid Waste Management (ASME Debbieh - AICHE)

ASME BAU student section and AICHE BAU student chapter, collaborated with the Syndicate of Chemists in Lebanon and presented a seminar about Solid Waste Management. The president of the Syndicate of Chemists, Dr. Jihad Aboud, was their esteemed guest and speaker. Dr. Jihad shared his valuable experience and knowledge on the crucial topic presented with the audience.



03

03 April

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04

30 March



ASME Annual Ramadan Iftar (ASME Debbieh)

ASME BAU held its annual iftar on March 30. The event was attended by ASME BAU students and doctors who came together to break their fast in unity and solidarity, strengthening their bonds and sharing the spirit of the season. During the iftar, as the attendees enjoyed their food, conversations were held and memories were made.

Saint-Gobain Construction Solutions Seminar (ASCE Tripoli)

ASCE-BAU Tripoli hosted the Saint-Gobain Construction Solutions Seminar in partnership with Saint-Gobain Weber Middle East. The seminar covered multiple topics, including building materials that improve concrete quality, common building issues and waterproofing, the advantages of admixture, and types and materials of insulation.



05

30 March

06

22 March



BMA Paints Visit (AICHE)

AICHE visited BMA factory, which produces high-quality paints and coatings in a safe environment. They toured the factory's departments and learned about the production process and materials.

Stay Healthy During Long Working Hours and in Ramadan (ASCE Debbieh)

ASCE student chapter at Beirut Arab University organized a workshop on staying healthy during Ramadan and long working hours, featuring Dietitian Saja Masri from Health Kit Clinic. The workshop addressed the importance of nutrition, hydration, food control, and debunked myths about carbs, protein, and fats.



07

22 March

08

18 March



ASME Participation at the 3rd Annual Science Fair at BAU Beirut (ASME Debbieh)

ASME participated in the 3rd Annual Science Fair to share their passion for science and engineering with other young school students who competed in the fair. The ASME team presented an impressive prototype of a Mars Rover using an Arduino built by a team of ASME members, in collaboration with the BAU Astronomy Club, who provided the funding for the rover.

eHT Participation at the 3rd Annual Science Fair at BAU Beirut

The third annual science fair at BAU brought together high school students from various schools in Lebanon to showcase their innovative science projects. The event provided a platform for students to learn from each other and exchange ideas. The EHT club participated and showcased their final year biomedical engineering projects. The booth was a hit with visitors who were eager to learn more.



09

18 March

10

17 March

SOLIDWORKS Workshop

Online

Objectives	
<ul style="list-style-type: none"> ● Introducing the software ● 2D Sketching & 2D Block Creation ● 3D Sketching & 3D Modeling ● Material selection, Part Evaluation, Rendering 	<ul style="list-style-type: none"> ● Engineering Drawings ● Assembly mates & Assembly Evaluation ● Introducing Motion Analysis & Animation
Course Duration	
<ul style="list-style-type: none"> ● 17/3/2023 → 19/4/2023 ● Tuesday: 3:30pm → 5:30pm ● Friday: 2:00pm → 4:00pm 	Cost Fees <ul style="list-style-type: none"> ● \$14 for non ASME members ● \$7 for ASME members
Instructor: Dr. Mohamad Ali	
<small>P.S: This course is to help fund the ASME BAU student club.</small>	

For registration and more info: [70 751 747](tel:70751747) | [@ hoda8.kamali@gmail.com](mailto:hoda8.kamali@gmail.com)

Online SolidWorks Workshop (ASME Tripoli)

ASME student section at Beirut Arab University in Tripoli held a 20-hour SolidWorks online workshop from March 17th to April 19th, 2023, covering various topics related to mechanical engineering and SolidWorks software. The workshop was successful, providing practical experience and knowledge to students. Certificates were distributed to all participants, and the ASME student section plans to offer similar workshops in the future.

Physics and Supercomputers: Mr. Martin Gustav from CERN Computing

Mr. Gastal gave a comprehensive presentation on CERN's latest activities and research focuses. He discussed the upcoming launch of accessible supercomputers in Lebanon. Attendees were impressed by the informative talk and were grateful for the opportunity to learn more about the exciting advancements in the world of science.



Mr. Martin Gustav
CMS Experimental Area Manager / CERN Advisor for MENA Region

11

11 March

WEBINARS

Life After College (IEEE SB Tripoli)

01



LIFE AFTER COLLEGE

Dr. Miriam Lucero



SCAN QR CODE FOR REGISTRATION



08 April

Education Week with a distinguished speaker Dr. Miriam Lucero from Spain. The topic "Life After College" was discussed and lots of valuable insight was gained after the meeting.

قانون البناء بين النص والتطبيق (ASCE Debbleh)

02



تدعوكم الجمعية الامريكية للمهندسين المدنيين في جامعة بيروت العربية لحضور ندوة

قانون البناء بين النص و التطبيق مع

المهندس الاستشاري محمد سعيد فتحة

عضو مجلس بلدية بيروت

نائب رئيس الهيئة العربية للتحكيم الهندسي

عضو المعهد الملكي للمحكين لدوليين MCI Arb

الأمين العام للشعبة اللبنانية للمهندسين الاستشاريين

عضو الفيدرالية FIDIC

عضو لجنة ترجمة عقود الاتحاد الدولي للمهندسين

الاستشاريين - الفيدرالية

خبير محلف لدى المحاكم



07 April

Engineer Mohammed Fatha spoke at an ASCE student chapter webinar. He is the General Secretary of the Arab League of Engineers Construction Committee and the Lebanese Association of Consultant Engineers, and is a member of FIDIC.

From Lebanon to NASA (IEEE Debbieh - WIE)

03



FROM LEBANON TO NASA
Maya Nasr

April 6th, 8 pm
Google Meets

06 April

Dr. Maya Nasr shared her inspiring journey as a Lebanese aerospace engineer and her work at NASA exploring the secrets of the universe. Attendees learned about NASA's present and upcoming projects.

Enabling Sustainable Development (IEEE Debbieh - AEE)

04



Via | ZOOM



Enabling Sustainable Development

With the 17 SDGs

- Why sustainability is important for engineering ?

- Why sustainability is important for moving forward?



Alaa Karanouh

Certified Project Manager & Community Impact Manager at UN Global Compact Network Lebanon



1 April 2023



4:00 PM

01 April

Mrs. Alaa Karanouh discussed sustainable development goals, challenges, benefits, and strategies for businesses, governments, and individuals to promote sustainable development.

Role of Petroleum Engineers in the Energy Transition (SPE)


05 THE PETROLEUM CLUB PRESENTS
ROLE OF PETROLEUM ENGINEERS IN THE ENERGY TRANSITION

Online

Guest speaker:
Jerame Sfeir

- Bachelor degree in Petroleum engineering
- Masters in Geotechnical Engineering (Texas A&M University)
- Current PhD candidate, specializing in Geothermal systems and Energy Geotechnics.

About Jerome



31 March

Friday, March 31 20:00-21:00 pm

The SPE BAU Chapter collaborated with the SPE Chapters at both the Lebanese American University and Phoenicia University, and hosted Eng. Jerame Sfeir. During the webinar, the speaker explained the role of a petroleum engineer in an energy transition period.

Unveiling the Black Box: Intro to XAI (IEEE Debbieh)

06 UNVEILING THE BLACK BOX
an introduction to Explainable AI



IEEE BEIRUT ARAB UNIVERSITY


Wed, March 29 @ 8pm
Google Meets
Dr. Julia El Zini

29 March

Dr. Julia talked about the importance of explainable AI in the complex data-driven world. The session was part of an AI series and was beneficial for students interested in AI careers.

Kickstart Your Software Engineering Career (IEEE Debbieh)

07 KICKSTART YOUR SOFTWARE ENGINEERING CAREER



IEEE BEIRUT ARAB UNIVERSITY

Christophe el Khoury
Lead & Mentor in Software Engineering

Thursday, 23rd of March
7:00 pm
Google Meets

23 March

Engineer Christophe had a Q&A with BAU students about career paths, personal development, and guidance. BAU Tripoli students benefited from Christophe's experience in startups.

Introduction to Artificial Intelligence (IEEE Debbieh)

08 INTRODUCTION TO ARTIFICIAL INTELLIGENCE WORKSHOP



IEEE BEIRUT ARAB UNIVERSITY [BEIRUT AI]

Wednesday 22nd March
7:00 pm - Google Meets

22 March

Razan Abu Hatab talked about AI, its concepts and building blocks, and shared insights on how undergraduates can develop their skills in this emerging field.



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Job and Internship Opportunities

- ▶ Two internship positions are available exclusively for **AEE BAU Mechanical Engineering** members at GMC this summer (July - August). To learn more about this opportunity, contact AEE directly at **+961 71468086**. Send your CV and brief cover letter to **aee.bau@gmail.com**.
- ▶ T. Gargour & Fils S.A.L is seeking to hire a **Software Developer** with experience in Agile Processes, Digital Transformation, AI, and Robotics. Experience in Python is mandatory. Send your resume to **hr@tgf.com.lb**.
- ▶ **IT support** internship opportunity at Azadea Group. The IT support intern is responsible for installing, maintaining, and providing technical support to corporate users. To learn more about this opportunity, please visit Azadea Group's LinkedIn page at **<https://www.linkedin.com/jobs/view/3570073268>**.
- ▶ English Cake is offering an opportunity for a **Computer Engineering intern**. The ideal candidate should have a strong background in software development and data analysis, as well as excellent problem-solving skills. Send your CV at **mirna.maalouf@englishcake.me**.

