

Congratulated the Wise Leadership on the Occasion of the 21st Anniversary

BSE: The Supreme Council for Women is a remarkable milestone in the Development of Bahraini Women

In her name and on behalf of all the Board members, members and affiliates of the Bahrain Society of Engineers, Dr. Raida Al Alawi, BSE President, congratulated His Royal Majesty King Hamad bin Isa Al Khalifa, King of the Kingdom of Bahrain, His Royal Highness Prince Salman bin Hamad Al Khalifa, the Crown Prince and Prime Minister and Princess Sabeeka bint Ebrahim Al Khalifa, Wife of the His Majesty the King and President of the Supreme Council for Women on the occasion of the 21st anniversary of the founding of the Supreme Council for Women.

Dr. Alawi praised the wise guidance of His Majesty the King for enabling women and enhancing their role in the comprehensive development system by establishing the Supreme Council for Women on the 22nd of August 2001, which has formed a solid foundation for the development of Bahraini women in all spheres and is deemed a milestone in the Bahraini woman history.

She also valued the support of his Royal Highness the Crown Prince and Prime Minister to the Bahraini woman and fostering her contributions to the development drive in all fields. She underlined the role of Bahraini women in all disciplines in both the public and private sectors in addition to enabling her to play a role as an entrepreneur.

Furthermore, Dr. Al Alawi applauded the pioneering role

played by Princess, Wife of His Majesty the King and President of the Supreme Council for Women in chairing this unique national edifice, thanks to the efforts of Her Highness for underlining the contributions of Bahraini women in the overall development process that is witnessed by the Kingdom of Bahrain.

The President of the BSE also underlined the role and efforts of the Supreme Council for Women in enabling women in all fields and sectors including the engineering sector where female engineers perform their roles effectively and efficiently. She valued the initiative of the Council in celebrating Woman's Day 2017 to honor women in the engineering field. In this context, she praised the contributions of female engineers in the BSE where she occupied various positions in



**Her Royal Highness Princess
Sabeeka Bint Ibrahim Al-Khalifa
Wife of His Majesty the King.
President of the Supreme Council
For Women**

the Society, Board of Directors, and chairing committees, reaching to the presidency of the BSE. This has occurred for the first time in the region with regard to women. She confirmed that she will actively contribute with her qualification and expertise in enhancing the role of the BSE as an active professional entity in the cultural progress and in national projects in a manner that attains a comprehensive development of the engineering sector and the Bahraini engineer.

Discussion of ways of common co-operation

H.E. Minister of Electricity & Water Affairs meets with the BSE Board



The Board of Directors of the Bahrain Society of Engineers, headed by Dr. Raeda Al Alawi, BSE President, held a meeting with the H.E. Mr. Yasser bin Ebrahim Humidan, Minister of Electricity and Water Affairs. The meeting took place on Wednesday 24 August 2022.

During the meeting, the means of common cooperation in the fields of electricity, water, and sustainable energy were discussed in addition to a number of initiatives that may contribute to developing the services that are provided by the Ministry and encouraging investments in renewable energy and power efficiency initiatives in the Kingdom of Bahrain.

During the meeting, His Excellency the Minister emphasized the importance of building partnerships and fostering relationships with professional and specialized organizations in the Kingdom. He confirmed that the Ministry values such relations, especially with the Bahrain

Society of Engineers due to the pivotal and significant roles it plays in supporting the efforts for the attainment of the national visions within the framework of achieving sustainability and comprehensive development in the Kingdom of Bahrain.

On her part, Dr. Raeda Al Alawi praised the efforts of the Electricity and Water Affairs in enhancing the electricity, water, and sustainable energy sectors. She confirmed that the BSE will continue supporting the efforts of the Ministry in a manner that reflects positively on the development process in all spheres. She expressed her desire to seek further cooperation between the BSE and the Ministry in the fields of training, conferences, and conventions, in a manner that enhances the role of the Society as an active entity that is responsible for comprehensive development projects in the Kingdom of Bahrain.

Chaired by Dr. Dheya Tawfiqi "TAMHEED" Committee holds its first meeting for the Term 2022-2024



"TAMHEED" Committee held its first meeting during this term on 3rd August 2022 under the chairmanship of Dr. Dheya Tawfiqi.

During the meeting, the committee ratified the 34th minutes of the meeting and discussed a number of administrative issues related to the committee, its meetings, styles, agendas, and the preparation of statistical schedules related to such meetings. A summary of Tamheed Program for the previous period was also reviewed in addition to updating the work plan for the next period, following up on the employment of

those on the waiting lists, training the next groups, and continuing communication with companies with regard to employment.

The meeting was attended by members of the committee including Engineer Adnan Al Rahma, Engineer Ghada Al Marzooq, Engineer A.Ellah Al Qassimi, Engineer Essa Janahi, Engineer Ahmed Bucheeri, Dr. Salwa Basera (representative of the University of Bahrain), Dr. Hameed Abdulla, BSE's Executive Director and Mr. Nabil Salman from BSE Training Center.



BSE meets with the organizers of SPICONX to discuss means of future co-operation



The Bahrain Society of Engineers held a meeting with the organizers of the Saudi Pipeline International Conference and Exhibition (SPICONX). The meeting was held on Monday, 29th August 2022 at the BSE headquarters.

The meeting was held for the purpose of discussing and coordinating the affairs of the conference that will be held during the period 3-6 October 2022 at Dharan Expo in Dammam, Kingdom of Saudi Arabia, sponsored by Saudi Aramco.

The meeting was attended on behalf of the BSE by Dr. Raeda Al Alawi, BSE President, Engineer Farid Bushahri, Board member and Director of Conferences and Exhibitions, Engineer A. Majeed Al Qassab and Engineer Jameel Khalaf Al Alawi. The meeting was also attended on behalf of the organizers of SPICONX by Mr. Faisal Al Shahrani, Senior Coordinator of the Organizing Committee, Mr. Mohamed Abu Fawar, Vice President of the Conference Technical Committee, Mr. Ali Al Qahtani, President of the company which has organized the conference.

SPICONX .. Towards creating a creative professional environment, facilitating communication and exchange of expertise

In line with the strategic importance of pipelines business sector worldwide and its direct and strong impact specifically on the economies of countries and on the world economy in general the SPICONX will be launched. The event will be led by Saudi Aramco with the support of international engineering companies and entities including the Bahrain Society of Engineers. It will be organized under the patronage of Mr. Mohamed Yahya Al Qahtani, Senior Vice President, Downstream, at Saudi Aramco Oil Company (Saudi Aramco) during the period 3-6 October 2022 at Dhahran Expo, Dammam, Kingdom

of Saudi Arabia under the theme “Connecting the Future Trends of the Pipeline Sectors Around the World”.

The conference aims at creating a professional creative environment that facilitates communication and exchange of expertise and ideas among the operators, supporting companies, strategic intellects, and engineering universities and organizations in a manner that contributes to developing pipelines sector and industry in the future and attains sustainability to power supplies to the world while maintaining the environment.



The Largest Annual International Hackathon Worldwide

The BSE jointly takes part with the NSSA in organizing the NASA'S "International Space Applications Competition"



BAHRAIN SOCIETY OF ENGINEERS
بازمهنتك البحرين
Bahrain Polytechnic

NSSA
الهيئة الوطنية للعلوم والفضاء
National Space Science Agency

NASA
INTERNATIONAL SPACE APPS CHALLENGE
Bahrain

التسجيل مفتوح الآن
REGISTRATION IS NOW OPEN

Register Now سجل الآن



NSSA
الهيئة الوطنية للعلوم والفضاء
National Space Science Agency

NASA
SPACE APPS CHALLENGE
Bahrain

هل أنت مستعد؟
ARE YOU READY?

OCT 1-2, 2022

Registration opens
7 August 2022

BAHRAIN SOCIETY OF ENGINEERS
بازمهنتك البحرين
Bahrain Polytechnic

The Bahrain Society of Engineers in collaboration with the National Space Science Agency (NSSA) takes part in organizing NASA's "International Space Challenge Applications Competition". This space challenges application by NASA is the largest international annual hackathon in the world.

The NSSA in cooperation with NASA and a number of other leading space agencies and entities announced the launch of the Space Challenge Applications Competition 2022 and invited interested people to take part effective August 2022.

The National Aeronautics and Space Administration (NASA) invited all interested parties worldwide to participate in this international event on the 1st and 2nd of October 2022 and to cooperate in utilizing the space data to find creative solutions for space and earth.



Stage set for fifth edition of global hackathon challenge

NSSA announces opening of registration for all those who are passionate about space sciences

- Bahraini youth, in particular, are invited to take part in event supervised by NASA
- Competition aims to promote culture of innovation and spread creativity in space industry

TDT | Manama

The National Space Science Authority (NSSA) has announced the opening of registration for all programmers, scientists, designers, storytellers, technologist and students who are passionate about space sciences and students to participate in the fifth edition of the Space Applications Challenge Hackathon, which will be held in person. This competition is organised by the NSSA, under the supervision of the National Aeronautics and Space Administration (NASA), and in cooperation with the Bahrain Polytechnic (the Bahrain Society of Engineers). To register for the competition, visit the NSSA website (www.nssa.gov.bh).

The hackathon is open to all ages and attracts participants from all over the world to form teams of creators who use space data available from NASA for space and compete in order to devise solutions to a number of challenges facing the space industry, as determined by the agency.

Competing teams are required to complete their work within 48 hours.

The idea of the hackathon motivates the participants to devise new ways and ideas through which space data can

be presented in the form of applications, games or innovative technical solutions by the participants.

This event is part of a package of awareness activities implemented by the NSSA, in partnership with local institutions, to promote a culture of innovation and spread creativity among members of society in general, and youth in particular, and encourage them to adopt innovative practices in various sectors, especially the space sector, which constitutes one of the future sciences of growing importance.

The hackathon is held in different cities around the world, where 11 space agencies participate in this edition of the competition, including NASA, European Space Agency, Japanese Space Agency, Canadian Space Agency, Brazilian Space Agency, among others. The previous edition of the competition witnessed the participation of more than 28,000 people from more than 320 gatherings around the world.

NSSA Chief Executive Officer Dr Mohammed Ibrahim Al Asiri said: "The National Space Science Authority used to partic-

The idea of the hackathon motivates the participants to devise new ways and ideas through which space data can be presented in the form of applications, games or innovative technical solutions by the participants.

The number of people from around the world who took part in the previous edition of the competition.

28,000

Prof. Kieran Okonah, CEO of Bahrain Polytechnic, said: "We are pleased to cooperate with the National Space Science Authority in organising this global competition, which will enhance opportunities for scientific research and open new horizons for students to engage in various fields, future sciences, and providing them with twenty-first century skills. "This international competition gives students an opportunity to represent the Kingdom of Bahrain globally, gain practical experience in this field, stimulate innovation, problem-solving skills, and teamwork skills. This will contribute to promoting innovation keeping pace with the development witnessed by the Kingdom, and achieving scientific and technical progress in line with the vision of the Kingdom of Bahrain. In addition, it will contribute to achieving the goals of the two national strategies related to higher education and scientific research."

Dr Raeda Al Alawi, President of the Bahrain Society of Engineers, expressed the Society's pride in co-organising this global competition.

The BSE takes part with the Federation of Arab Engineers' ICT Committee in organizing the preparatory symposia for the 29th Arab Engineering Conference

The Federation of Arab Engineers' ICT Committee in collaboration with the BSE is organizing the preparatory symposia for the 29th Arab Engineering Conference under the theme "Techniques and Applications of the 5th Generation Networks and Beyond" on 7th September 2022 and "Forecasting the Advanced Technologies, Communications and Informatics" on 8th September 2022.

A number of prominent experts and academics in the field of communications from some Arab countries will take part in these symposia.

At the opening of the preparatory symposia, Dr. Adel Al Hadeethi, Secretary General of the Federation of Arab Engineers and Dr. Raida Al Alawi, President of the Bahrain Society of Engineers will speak about the event. It is worth noting that registration and participation in the symposia are free of charge.



To register, please scan the QR code

The 1st preparatory symposia:
"Techniques and Applications of the 5th Generation Networks and Beyond"
7 Sep. 2022

REGISTER NOW
FREE REGISTRATION

اتحاد المهندسين العرب
Federation of Arab Engineers

لجنة تقنية الاتصالات والمعلومات
اتحاد المهندسين العرب

50

General Secretariat of the Federation of Arab Engineers
In collaboration with
Bahrain Society of Engineers
The ICT Committee
Organizes

الامانة العامة لاتحاد المهندسين العرب
بالتعاون مع
جمعية المهندسين البحرينية
تنظم
لجنة تقنية الاتصالات والمعلومات

THE FIRST PREPARATORY SYMPOSIUMS FOR THE 29TH ARAB ENGINEERING CONFERENCE

الندوة التحضيرية الاولى للمؤتمر الهندسي العربي التاسع والعشرين

5G and Beyond Technologies and Applications

تقنيات وتطبيقات شبكات الجيل الخامس وما بعده

7 سبتمبر (أيلول) 2022
7 September 2022

PROGRAM (CAIRO+1, GMT+3) - DAY 1

OPENING SPEECH كلمة الافتتاح

المترجمون SPEAKERS

10:05 – 10:10

د. رائدة العلوي
رئيسة، جمعية المهندسين البحرينية
Dr. Raida Al-Alawi
President
Bahrain Society of Engineers

10:00 – 10:05

أ.د. عادل الحديثي
الأمين العام لاتحاد المهندسين العرب
Prof. Adel Al-Hadithi
Secretary General
Federation of Arab Engineers

Session Chair : Dr Ali Harmouch – Lebanese University رئيس الجلسة : د. علي هرموش - الجامعة اللبنانية

10:40 - 11:10

أ.د. عبدالله الزعبي
أستاذ هندسة الاتصالات
جامعة الأميرة سمية للتكنولوجيا - الأردن
Prof. Abdullah Al Zoubi
Professor of Communication Engineering
Princess Sumaya University for Technology,
Jordan

10:10 – 10:40

أ.د. محمد سليم العويني
جامعة الملك عبدالله للعلوم والتقنية - المملكة العربية السعودية
Prof. Mohammed-Slim Alouini
Distinguished Professor
King Abdullah University of Science and Technology
Saudi Arabia

بلوكشين الأشياء: التقاء البيانات الضخمة وإنترنت الأشياء والبلوكشين
Blockchain of Things: Convergence of IoT, Big data, and Blockchain

نحو تشبيك 3 مليارات نسمة المتبقية
Towards connecting the remaining 3+ billion

BREAK 11:10 – 11:20 **استراحة**

11:50 - 12:20

د. معتز الدبيعي
عميد كلية إدارة الأعمال
جامعة عمان الأهلية - الأردن
Dr. Mutaz M. Al-Debei
Dean – Business School
Al-Ahliyya Amman University, Jordan

11:20 – 11:50

د. رياض القسنتيني
أستاذ مشارك
قسم علوم الحاسب -
جامعة البحرين
Dr. Riadh Ksantini
Associate Professor
Department of Computer Science
University of Bahrain

دور تقنيات البيانات الضخمة في صناعة الابتكارات القائمة على البيانات
Big Data Technologies for Data-Driven Innovations

استعمال التعلم الآلي والعميق في مجالات الهندسة
Machine/Deep Learning for Engineering

BREAK 12:20 – 12:30 **استراحة**

13:00 - 13:30

أ.د. محمد السعيد
عميد سابق
المدسة الوطنية العليا للإعلاميات وتحليل النظم
جامعة محمد الخامس - المغرب
Prof. Mohamed Essaaidi
Former Dean
ENSIAS School of Engineering
Mohammed V University, Rabat, Morocco

12:30 – 13:00

أ.د. مهاب منجود
أستاذ هندسة الاتصالات
جامعة البحرين
Prof. Mohab Mangoud
Professor of Communication Engineering
University of Bahrain

المتافيرس: الآفاق والفرص والتحديات
The Metaverse: Prospects, Opportunities and Challenges

تطبيق تقنية الجيل الخامس لنظم اتصال المركبة إلى كل شيء
5G and the future of vehicle-to-everything (V2X) communication systems

The BSE takes part with the Federation of Arab Engineers' ICT Committee in organizing the preparatory symposia for the 29th Arab Engineering Conference

The 2nd preparatory symposia:

"Forecasting the Advanced Technologies, Communications and Informatics"

8 Sep. 2022



To register, please scan the QR code

REGISTER NOW
FREE REGISTRATION

اتحاد المهندسين العرب
Federation of Arab Engineers

لجنة تقنية الاتصالات والمعلومات
اتحاد المهندسين العرب

General Secretariat of the Federation of Arab Engineers
In collaboration with Bahrain Society of Engineers The ICT Committee
Organizes

الامانة العامة لاتحاد المهندسين العرب بالتعاون مع جمعية المهندسين البحرينية تنظم لجنة تقنية الاتصالات والمعلومات

THE SECOND PREPARATORY SYMPOSIUMS FOR THE 29TH ARAB ENGINEERING CONFERENCE

الندوة التحضيرية الثانية للمؤتمر الهندسي العربي التاسع والعشرين

Foresight to Advances in ICT

استشراف التقنيات المتقدمة للاتصالات والمعلوماتية

8 سبتمبر (أيلول) 2022
8 September 2022

PROGRAM (CAIRO+1, GMT+3) - DAY 2

Session Chair : Mr. Fareed Bushehri - Bahrain Society of Engineers

رئيس الجلسة : م. فريد بوشهري، جمعية المهندسين البحرينية

	SPEAKERS	المتحدثون	
10:30 - 11:00	 أ.د. سمير المصري مؤسس ورئيس مجلس الإدارة والمنظمة العربية للتحويل الرقمي - الإمارات العربية المتحدة	 أ.د. ملحم الدوري كبير المتخصصين في البيانات الضخمة والتعلم الآلي وتعلم الآلة هيئة الطرق والمواصلات - دبي الإمارات العربية المتحدة	10:00 - 10:30
<p style="background-color: #eee; padding: 5px;">تقييم التنافسية الرقمية والاقتصاد الرقمي في العالم العربي Assessment of Digital Competitiveness & Digital Economy in the Arab World</p>	<p style="background-color: #eee; padding: 5px;">استخدام التعلم الآلي في الاستشعار عن بعد باستخدام البيانات الضخمة Machine Learning and Remote Sensing using Big Data Technologies</p>		
BREAK 11:00 - 11:10 استراحة			
11:40 - 12:10	 د. عمار حسن الحسيني نائب المدير العام الجهاز المركزي لتكنولوجيا المعلومات - الكويت	 د. جاسم حاجي رئيس المجموعة الدولية للذكاء الاصطناعي مملكة البحرين	11:10 - 11:40
<p style="background-color: #eee; padding: 5px;">الاستفادة من التقنيات الحديثة في القطاع الحكومي: فرص وتحديات Adopting Emerging Tech in Government Sector: Opportunities and Challenges</p>	<p style="background-color: #eee; padding: 5px;">مستقبل البشرية مع الذكاء الاصطناعي Future of Humanity with Artificial Intelligence</p>		
BREAK 12:10 - 12:20 استراحة			
12:50 - 13:20	 د. ندى شندب طاهر استاذ مشارك قسم الهندسة الالكترونية والكهربائية - الجامعة اللبنانية	 د. عبدالله دسمال استاذ مساعد كليات التقنية العليا - أبو ظبي الإمارات العربية المتحدة	12:20 - 12:50
<p style="background-color: #eee; padding: 5px;">انترنت الأشياء، الحوسبة السحابية والبيانات الضخمة: التطبيقات وأثرها على حياة البشر IoT, Cloud and Big Data: Applications and impact on Human Life</p>	<p style="background-color: #eee; padding: 5px;">التعلم الآلي في التصوير الكهرومغناطيسي Machine Learning in Electromagnetic Imaging</p>		

END OF DAY 2


Organizing "Dimension22" Competition...

In collaboration with the American Institute of Architecture Students to design a heritage suite "International"

The Bahrain Society of Engineers in collaboration with the American Institute of Architecture Students is organizing the architectural "Dimension 22" Competition for designing a heritage suite.


The competition was launched on Saturday, 20th August 2022, and full details of the competition was announced live on Instagram @ aias_bh at 4.00 pm, on Saturday 27th August.

A special website for the competition has been launched with a link on (bio). This allows those interested to take part to register through the website. This competition is open to all architecture, internal design, and environmental architecture students from all universities in Bahrain. Individual participation or within a team of a maximum of 3 individuals is accepted. Participation shall be received through the competition's website. The last day for the receipt of participation is Saturday 1st October 2022. Cash prizes have been allocated for the first three positions and the participant's works will be displayed during an exhibition that will accompany the ceremony.



تميز وعطاء

تنظم جمعية المهندسين البحرينية بالتعاون مع الجمعية الأمريكية لطلبة العمارة في جامعة البحرين



مسابقة بُعد 22
لطلبة العمارة
تصميم جناح تراثي تاريخي

تدشين المسابقة:
السبت 20/8/2022 - 4:00 م ,
مباشر (Live) عبر انستغرام @AIAS_BH
التفاصيل في الوصف والبايو

bsemohandis
(+973) 32215274
www.bse.bh



To register in the competition, please scan the QR code

Upcoming events

- * the preparatory symposia for the 29th Arab Engineering Conference. (7 - 8 September 2022)
- * the NASA'S "International Space Applications Competition". (1 - 2 October 2022)
- * the Saudi Pipeline International Conference and Exhibition «SPICONX». (3 - 6 October 2022)
- * «The Bahraini Engineers Day». (15 October 2022)
- * MAINTCON. (15 October 2022)