

تحت رعاية صاحبة السمو الملكي الأميرة سبيكة بنت إبراهيم آل خليفة
قرينة عاهل البلاد المفدى ورئيسة المجلس الأعلى للمرأة - مملكة البحرين



الجامعة الملكية للبنات
ROYAL UNIVERSITY FOR WOMEN



WOMEN AND THE
4TH INDUSTRIAL REVOLUTION

RUW 3RD CONFERENCE ON WOMEN AND SOCIETY

4TH WOMEN & THE INDUSTRIAL REVOLUTION

المرأة والثورة الصناعية الرابعة

11 - 13 OCTOBER 2020

GULF CONVENTION CENTRE - GULF HOTEL
KINGDOM OF BAHRAIN

EVENT MANAGER

ORIGIN
GROUP



His Royal Highness
Prince Khalifa Bin Salman Alkhalifa
The Prime Minister Of Bahrain



His Majesty
King Hamad bin Isa AlKhalifa
The King of the Kingdom of Bahrain



His Royal Highness
Prince Salman Bin Hamad Alkhalifa
The Crown Prince,
Deputy Supreme Commander
And First Deputy Prime Minister



Under the Patronage of Her Royal Highness
Princess Sabeeka bint Ibrahim Al-Khalifa
Wife of his Majesty the King of Bahrain and President of the
Supreme Council for Women

With great pleasure the organising committee of the conference expresses sincere thanks and appreciation to Her Royal Highness **Princess Sabeeka bint Ibrahim Al-Khalifa**, Wife of his Majesty the King of Bahrain and President of the Supreme Council for Women - Kingdom of Bahrain for her valuable patronage of **RUW 3rd Conference on Women and Society, titled (Women and the 4th Industrial Revolution)** which will be held at the Gulf Hotel Convention Centre - Bahrain on 31st March to 2nd April 2020.



CHAIRMAN'S MESSAGE

As with the three previous revolutions, the fourth industrial revolution is not something we can avoid. Its presence is all around us and continually shaping and altering the way we live our lives and do our everyday business. From our banking systems and the way we manage our money, the creation of new currencies, the changing ways in which we shop and become consumers, the generation and dissemination of knowledge, the provision of health care and the maintaining of healthy life styles, to the elimination of current jobs and the creation of new jobs, the fourth industrial revolution through artificial intelligence, big data analytics, cybersecurity, robotics, virtual and augmented reality, the internet of things, is leading us to an undiscovered country. This next phase in humanity's development will require new ways of thinking, it will raise philosophical and ethical questions we have not had to deal with in the past. It may require new forms of government and new systems of education. It may cause us to redefine our concept of work, and it will most certainly change the way we relate to each other and change the nature of human relationships.

While these changes will be systemic, they will also have unique effects on different groups in society. This conference will focus on its impact on women. What challenges/opportunities will present themselves for women? In this technology driven era what roles will women have in economy, politics, and society? What role will women have in furthering the technological revolution? What role will women have in producing new legislation dealing with the impact of the new technology? Will this be an era which will bring about greater equality between the sexes or increase the gender gap?

This conference is organized with the aim of producing fruitful and productive conversation around these important issues.

DR. DAVID STEWART



ABOUT ROYAL UNIVERSITY FOR WOMEN

Established in 2005, Royal University for Women (RUW) is the first private university in the Kingdom of Bahrain that is dedicated solely to educating women.

RUW's commitment to Quality is evidenced in the important milestones received in the past 15 years. RUW was the first private university to be locally accredited by the Higher Education Council. RUW is also internationally accredited by ASIC, UK. Furthermore, RUW was one

of the first universities to be listed on the National Qualifications Register. In addition, all RUW programmes have been mapped on the NQF. The Colleges of Art and Design and also Business and Financial Sciences have undergone the BQA programmes-within-college review and have received a vote of 'full confidence' for all programmes reviewed. Moreover, RUW has 'met QA requirements' in the BQA 2nd cycle Institutional review.





RUW 3RD WOMEN AND SOCIETY CONFERENCE 2020

This is the third biennial event that RUW will hold following the successful 2016 and 2018 Conferences on Women and Society, attended by more than 300 delegates from over 15 countries where more than 100 research papers were presented. Student poster presentations were a highlight of the event and served to stimulate a research culture among the region's youth.

This conference is supported by gLAWcal – Global Law Initiatives for Sustainable Development (United Kingdom), the American Society of International Law (ASIL), Interest Group on International Environmental Law, the American Society of International Law (ASIL), and Interest Group on Intellectual Property Law.



Previous Women and Society Conferences 2016 / 2018

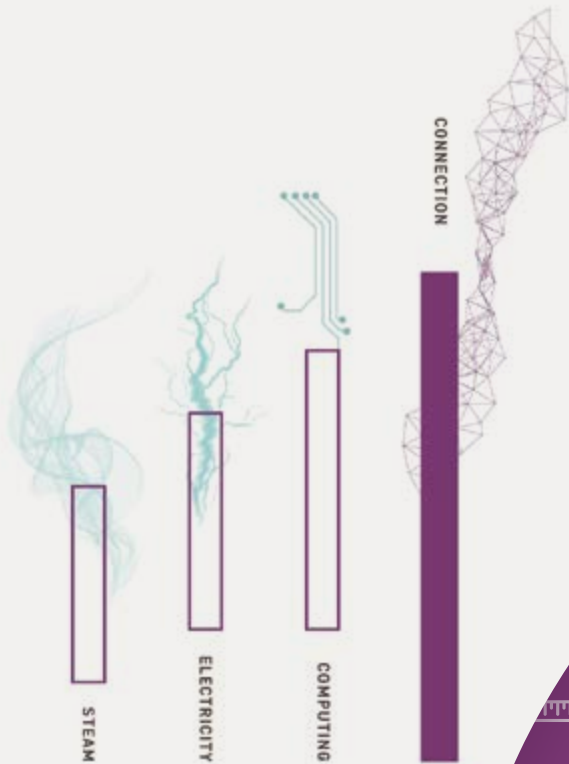
ABOUT THE 4TH INDUSTRIAL REVOLUTION

Despite the differences that distinguish organisations and companies operating in the market nowadays, they are all facing a common challenge. How can a company or an organisation achieve connectedness and have access to accurate and real-time insights across products, processes, people, and partners?

The answer to this challenge lies in IIoT, or as it is commonly referred to: Industry 4.0.

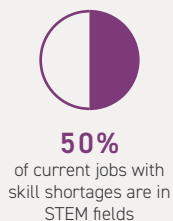
Industry 4.0 denotes to the newest phase in the Industrial Revolution which highlights concepts such as, automation, interconnectivity, real-time data, and machine learning. Industry 4.0 creates a holistic and a well-connected ecosystem for corporations that focus on supply chain management and manufacturing. This is attained through combining physical productions and operations with smart digital technology, big data, and machine learning.

Industry 4.0 calls for a revolution. It is time to revolutionize the way your business operates and grows.



4 INDUSTRIAL REVOLUTIONS

HOW JOB MARKET IS CHANGING



In the next 5 years it is predicted that demand will rise for:

14% ↑
Professional, scientific and technical services

20% ↑
Health care



Of all jobs will require skills in STEM



Of jobs will need digital skills in the next 2 to 5 years

CONFERENCE THEME

INDUSTRY 4.0

The application of AI, ubiquitous digital networks and cyber physical systems.

INDUSTRY 3.0

The use of IT and the Internet to digitise production, distribution and services.

INDUSTRY 2.0

The introduction of electricity which enables mass production.

INDUSTRY 1.0

The use of water and steam power to mechanise production.

WOMEN AND THE 4TH INDUSTRIAL REVOLUTION

The 4th industrial revolution has deeply transformed our society including the role played by women with interesting variations. Women are actively participating in higher education and undertaking scientific research, leading to women advancing globally and in the Kingdom of Bahrain.

This conference aims to highlight how the accelerating pace of technological change affects what roles women can play in economy, politics, and society. It will also explore the ways to enhance the culture of STEM education in women so that these young women can use technology and entrepreneurship to create economic opportunities.

The goal is to discover and share methods that countries might deploy in order for women to lead rather than follow this revolution. Furthermore, the contributions made by Bahraini women which led to women advancement will also be explored.



STEM

SCIENCE, TECHNOLOGY,
ENGINEERING, AND MATHEMATICS



CONFERENCE STRUCTURE

The two- day conference will comprise a combination of keynote addresses by international speakers, including academics, policy makers, private and public sector representatives, university leaders and experts, and organizations specialised in women issues. as well as panel discussions, workshops, academic paper presentations and student poster presentations.

DAY 1

Conference Official Opening

DAY 2

Keynote Speaker sessions, Panel sessions, Poster session, Dinner and Networking

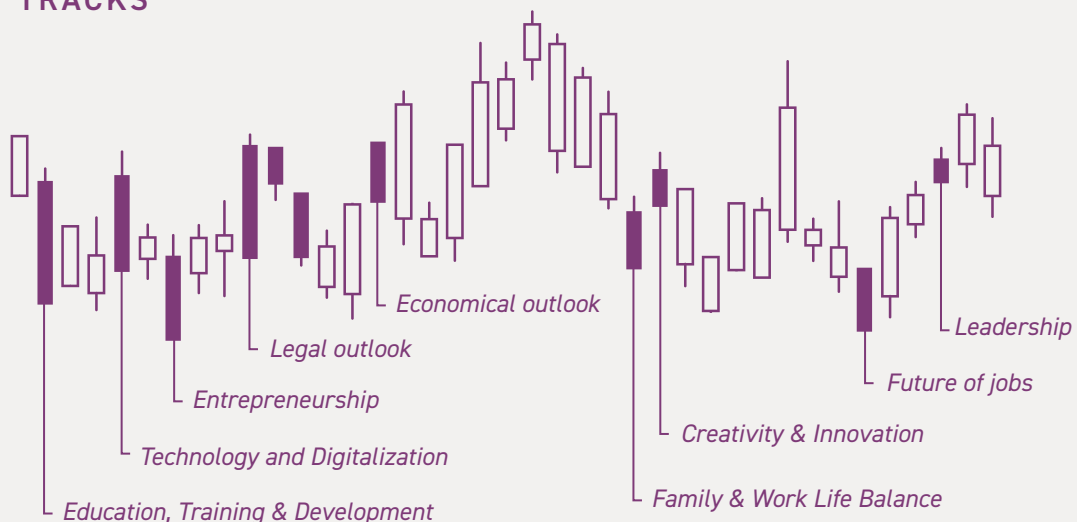
DAY 3

Keynote speaker sessions, Academic Research paper presentations, networking.

In addition to the conference, side activities include:

- Special dinner hosted by the Royal University for Women at the university campus.
- Free tour to historical places in Bahrain.

TRACKS



KEY TOPICS OF THE CONFERENCE



1. Higher Education in The Era of The 4th Industrial Revolution.
2. The Digital Age and Human Creativity Impact on Private Sector.
3. Women and The 4th Industrial Revolution: Opportunities and Risks.
4. The 4th Industrial Revolution: Women Role in Economic, Banking and Legal Outlook.
5. Maintaining Family and Work Life Balance in Digital Era.
6. Techno-Digital Revolution in Organisations - Impact on Equal Opportunities in Creative & Stem Fields.
7. The Impact of New Technological Era on Soft Skills Needed by the Private Sector.
8. The 4th Industrial Revolution in the MENA region.
9. The Contribution of Diversity and Gender to Emerging Technology.

WHO SHOULD ATTEND

- Academics from local and international universities and educational institutions.
- HR Directors and Managers in government and private sectors.
- IT Professionals in banking, telecom, retail, oil & gas. etc..
- Employees in service and industry sectors such as oil and gas.
- Research institutes and foundations.
- Representatives from the Ministry of Education.
- Government organizations and NGOs.
- Researchers, Consultants and Professionals.
- Graduate students.



PROGRAMME

DAY ONE

Sunday, 11 October 2020

08.00 - 09.00

Registration and Networking Over Tea and Coffee

09.00 - 15.00

3 Parallel Workshops*

Workshop 1: Reshaping the Banking Industry with Financial Technology

To be recommended by AUB

Workshop 2: How to Transform your Business into Digital

Dr. Abdulla Al Hamid, Managing Director, Intermid Company - Bahrain

Workshop 3: CRISPR Disruption of sectors across the economy:

(Healthcare, biotechnology and agricultural industries)

Dr. Amani Al Hajri, Genome Project Director, National Genome Centre - Bahrain

19.00 - 20.30

Opening Ceremony

Opening Remarks by Dr. David Stewart

President | Royal University of Women

Keynote Remarks by Ms. Hala Al Ansari

Secretary General of The Supreme Council for Women

Chair of Steering Committee Message by Dr. Ahmed AlBanna

CEO | Origin Group

Guest of Honour Presentation by Dr. Abdulhussain Ali Mirza

President of the Sustainable Energy Authority, Former Minister of EWA | Bahrain

20.30 - 21.00

Presentation of Mementos to sponsors / speakers

21.00

Exhibition Openning

21.15

Dinner and reception

PROGRAMME

DAY TWO

Monday, 12 October 2020

08.00 - 9.00

Registration and Networking Over Tea and Coffee

09.00 - 9.45

1st Keynote Address

Topic: Women and the 4th Industrial Revolution

Dr. Ramin Mohager

Human Resource & Development Advisor to the Minister | Ministry of Technology and Communications | Oman

09.45 - 11.15

1st Panel Discussion

Topic: Gender Equality in 4th Industrial Revolution

Moderator: Dr. Mona Suri

Academic Vice President | Royal University for Women | Bahrain

- **Ms. Stephanie Chaban,**
ESCWA Regional Advisor | ESCWA Centre for Women | Lebanon
- **Dr. Sukaina Al Nassrawi**
ESCWA Social Affairs Officer | ESCWA Centre for Women | Lebanon
- **Dr. Basma AlZamil**
Member RUW Board of Trustees | Saudi Arabia
- **Ms. Hala Sulaiman**
Founder of Al Rawi | Bahrain
- **Mr. Abdul Jawad Chaudhry**
Digital Transformation Consultant | Saudi Arabia

11.15 - 11.30

Tea & Coffee Break

11.30 - 12.15

2nd Keynote Address

Topic: Education for Women in Bahrain

Dr. Jawaher Al Madhahki

Chief Executive | Education and Training Quality Authority (BQA) | Bahrain

12.15 – 13.00

Lunch break

13.00 – 15.00

Poster Session by Research Scholars

University student

15.00 – 16.00

2nd Panel Discussion

Topic: Contribution of Bahraini Women in Scientific Research Supporting Enhancement

Moderator: Prof. Odeh Al-Jayyousi

Head of Technology and Innovation | Arabian Gulf University | Jordan

- **Dr. Farzana Al Maraghi**
Director, Scientific Research | Secretariat General,
Higher Education Council | Bahrain
- **Dr. Amani AlHajri**
Genome Project Director | National Genome Centre | Bahrain
- **Dr. Fatima Al Sebaie**
Research Analyst | Derasat | Bahrain
- **Prof. Samira Al-Sayed Omar**
Director General | Kuwait Institute for Scientific Research (KISR) | Kuwait
- **Ms. Sarah Aref Alashban**
Senior Business Analyst | Saudi Industrial Development Fund | Saudi Arabia

16.00

End of day two

19.00

Gala Dinner at Royal University for Women

PROGRAMME

DAY THREE

Tuesday, 13 October 2020

09.00 – 10.00

3rd Keynote Address

Ms. Meg Jones

Chief Economic Empowerment | Gender & Trade at UN Women | US

10.00 – 11.15

3rd Panel discussion

Topic: Women in Technology and its Application in the Workplace

Moderator: Dr. Ahmed Al Banna

CEO of Origin Group | Bahrain

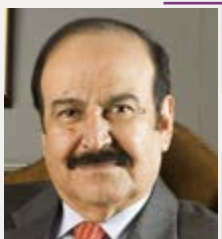
- **Ms. Amal Adel Abdulla**
Supreme Council for Women | Bahrain
- **Dr. Eshaa Al Khalifa**
CEO | SayG S.P.C Bahrain | Bahrain
- **Dr. Jasim Haji**
President | Artificial Intelligence Society | Bahrain
- **Mr. Abdulla Al Hamid**
Managing Director | Interimid | Bahrain

11.15 – 11.30

Tea & Coffee Break

11.30 – 12.30	Academic keynote addresses Group of faculty members	
12.30 – 13.15	Lunch Break	
13.15 – 14.30	Parallel sessions 3 concurrent workshops	Parallel sessions 3 concurrent workshops
14.30 – 15.00	Tea & Coffee Break	
15.00	Final recommendations and closing remarks Dr. David Stewart	
15.30	End of Conference	

KEYNOTE SPEAKERS



Dr. AbdulHussain Bin Ali Mirza
President Of The Sustainable Energy
Authority | Former Minister of EWA
Bahrain



Ms. Hala Al Ansari
Secretary-General
Supreme Council for Women
Bahrain



Dr. David Stewart
President
Royal University of Women
Bahrain



Dr. Jawaher Al Madhahki
Chief Executive
Education and Training Quality Authority (BQA)
Bahrain



Dr. Ramin Mohajer
Human Resource & Development
Advisor to the Minister
Ministry of Technology and
Communications
Oman



Ms. Meg Jones
Chief Economic Empowerment
Gender & Trade at UN Women.
USA

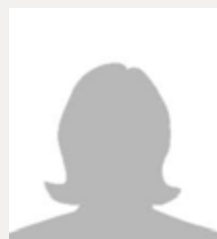
SPEAKERS



Prof. Samira Al-Sayed Omar
Director General
Kuwait Institute for Scientific Research (KISR)
Kuwait



Ms. Stephanie Chaban
ESCWA Centre for Women
Lebanon



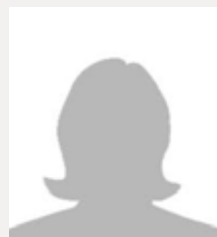
Ms. Sarah Aref Alashban
Senior Business Analyst
Saudi Industrial Development Fund
Saudi Arabia



Dr. Jasim Haji
President
Bahrain Artificial Intelligence Society
Bahrain



Dr. Sukaina Al Nassrawi
ESCWA Social Affairs Officer
ESCWA Centre for Women
Lebanon



Dr. Basma AlZamil
Member
RUW Board of Trustees
Saudi Arabia



Ms. Hala Sulaiman
Co-Founder, AlRawi
Founder and Managing Director,
Beyond Borders Consultancy
Bahrain



Prof. Odeh Al-Jayyousi
Head of Technology and Innovation
Arabian Gulf University
Jordan



Dr. Farzana Al Maraghi
Director
Scientific Research, Secretariat General,
Higher Education Council
Bahrain

SPEAKERS



Dr. Ahmed Al Banna
CEO
Origin Group
Bahrain



Dr. Mona Suri
Academic Vice President
RUW
Bahrain



Mr. Abdul Jawad Chaudhry
Digital Transformation Consultant
Saudi Arabia



Dr. Amani Alhajri
Project Director
National Genome Centre
Bahrain



Dr. Fatima Al Sebaie
Research Analyst
Derasat
Bahrain



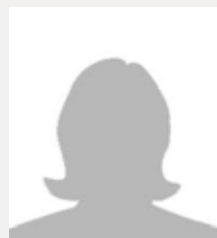
Sh. Eshaa Mohammed Al Khalifa
CEO
SayG S.P.C
Bahrain



Mr. Abdulla Al Hamid
Managing Director
Intermid
Bahrain



Prof. Liz Towns - Andrews
Director of Research and Enterprise
University of Huddersfield.
UK



Ms. Amal Adel Abdulla
Supreme Council for Women
Bahrain

AUB AD

ABOUT PRE-CONFERENCE WORKSHOPS

RESHAPING THE BANKING INDUSTRY WITH FINANCIAL TECHNOLOGY

FinTech has been considered a disruptive force within the financial industry, one to prepare for, or even defend against. Its rapid adoption amongst financial institutions and across industries, however, makes defending against the rise of FinTech ultimately futile. The maturing landscape is therefore transforming from threat to partner, with traditional financial institutions and start-ups adapting to the changes and applying innovative FinTech concepts and practices to their organizations. The industry is no longer being defined by FinTech's potential impact, but rather who is currently driving this innovation and how to strategically engage with financial technology.

Delivered by:



XX

XX

XX

XX

This workshop investigates how FinTech is transforming financial services across industries. By acquiring an up-to-date understanding of the current financial landscape, attendees will learn how to engage with, and think about, the future and challenges of financial services innovation across industries.

CRISPR DISRUPTION OF SECTORS ACROSS THE ECONOMY: (HEALTHCARE, BIOTECHNOLOGY AND AGRICULTURAL INDUSTRIES)

Just as the internet changed the way the world operates, CRISPR has the potential to change our world by disrupting sectors across the healthcare, biotechnology and agricultural industries. Although in its early stages, CRISPR is already being used for genetic engineering in healthcare to transform areas such as the diagnosis and treatment of cancer, as well as the treatment of previously incurable genetic diseases. This disruptive technology is also contributing to food security, helping us modify the genome of crops to make them resistant to pathogens, allowing them to grow in an environment where they normally would not. Its potential extends to editing micro-organisms, affecting the health, food and bio-fuel industries.

Delivered by:



Dr. Amani Alhajri

Project Director
National Genome Centre
Bahrain

This workshop will give you a comprehensive understanding of what CRISPR is, and the possibilities it brings to genetic engineering.

HOW TO TRANSFORM YOUR BUSINESS INTO DIGITAL

Empowering business operations with knowledge and tools to cultivate progression and have an impact through applying digital technology. The paradigm shift in Technologies, Defining Business's Digital Transformation:

Evolving priorities, imperatives, innovation, competitiveness, regulatory environment, future opportunities, and how to transform your business into digital.

As we are going through a massive digital transformation, the technology push, information push, and social push bring with them significant disruptive changes. Businesses have no choice: they must undergo a digital transformation to become a digital organization.

Delivered by:



Mr. Abdulla Al Hamid
Managing Director
Intermid
Bahrain

The principal output of this workshop will be a roadmap which will identify various topics distributed over four key action areas of people, process, products, and partner and will have identified owners with actions, timelines, and priorities for each of the task. This will be a great kick-starter to launch or enhance your Digital Transformation.

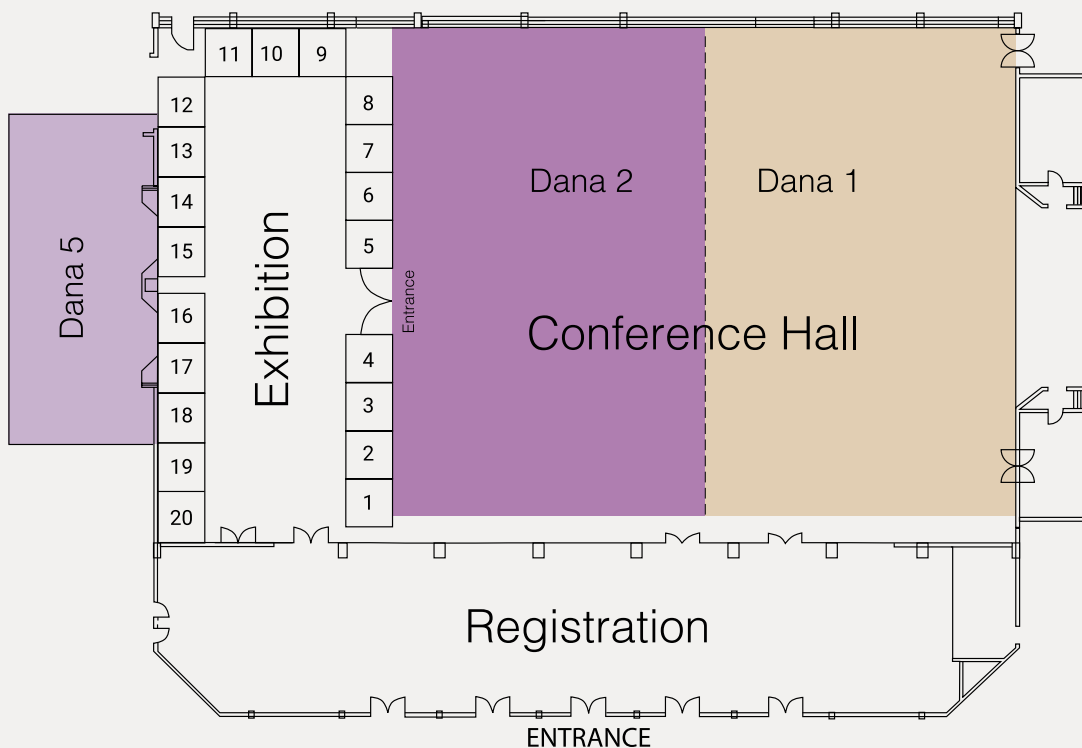
EXHIBITION

ABOUT THE EXHIBITION

The RUW 3rd Women and Society Conference is considered one of the most prestigious conferences that are implemented in the Kingdom of Bahrain and always highlights the most important topics in the world and targets important sectors. This year the conference will focus on the role of women 4th Industrial Revolution, which opens the way for women entrepreneurs and a large number of companies and institutions which sheds the light on the role of women in our society.

The exhibition will be held along with the conference, and it will be a great opportunity for opponents to link their brands with the largest brands in the Kingdom, in addition to allowing exhibitors to display their products and services to the major investors visiting and attending the conference.

FLOORPLAN

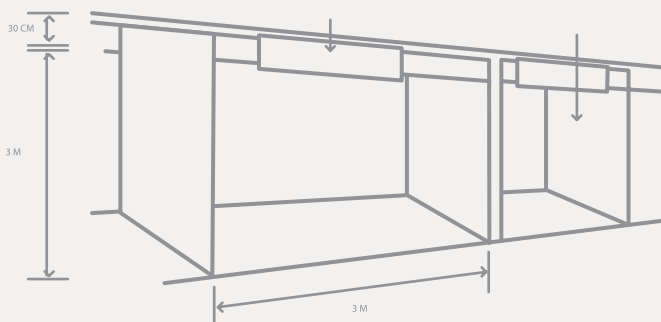


SHELL SCHEME

Rental of exhibition shell scheme, booths, 3x3m high anodized system post and beams with white colour polkem infill panels.

The shell scheme (min. 9m² includes)

- White wall panels (height 2.4m)
- Carpet
- Fascia board with company name
- Table with 2 chairs
- Two fluorescent lights
- One 13 AMP single phase power point
- One waste paper basket



WHO SHOULD EXHIBIT?

- Universities And Educational Sector
- Private Education Schools
- IT Companies
- Telecommunication Companies
- Banks
- Consultancy Companies
- Interactive Online Learning Providers
- Virtual Reality Solutions
- Training Institutions
- Women Enterprenuers

WHY SHOULD YOU EXHIBIT

- Connect with digital pioneers
- Showcase and link your brand
- Connect with potential clients
- Invest in new market opportunities
- Benefit from our marketing campaign
- Showcase success stories in supporting and empowering women in Bahrain
- **One complimentary access to the conference**

EXHIBITION PARTICIPATION FEES (3X3^{sqm}): BD 750 | \$2000

METHOD OF PAYMENT

Credit card: ☐ American Express ☐ Visa ☐ Masters Card ☐ Card ☐ Other

Card no.

Cancellation/Substitutions No Cancellation will be permitted once a registration form is received. However, substitution is allowed.

For the exhibition inquiries please feel free to contact the exhibition managers:

Mr. Mohamed El Zahar: mohamed@origin.com.bh +973 17 552 078 | 377 633 22

Mr. Sadeq Al Nayem: sadeq@origin.com.bh +973 17 552 078 | 377 933 88

VENUE



GULF CONVENTION CENTRE | GULF HOTEL

Conference accommodation

Conference organising committee is glad to recommend you some accommodation options with convenient location and infrastructure which will be available for a special rate for conference participants.

Recommended hotel:

Room and rate (BD) per day	
5 Stars	Single 50++ with including breakfast
	Double 55++ with including breakfast



Telephone: +973 1771 3000
Alfateh Highway - Manama
<https://www.gulfhotehbahrain.com/>

ABOUT THE CONFERENCE

CONFERENCE FEES

Attendee	BD 260 \$ 685
Researcher	BD 130 \$ 342
Student	BD 100 \$ 265
Pre-conference Workshops only	+BD 100 \$ 265

*Corporate rates available

*A certificate will be issued for each workshop

CONFERENCE FEES INCLUDE:

- Attending all the sessions excluding workshop
- Full conference materials.
- Lunch, tea and coffee.
- A certificate of attendance.

METHOD OF PAYMENT

Credit card: ☐ American Express ☐ Visa ☐ Masters Card ☐ Card ☐ Other

Card no.

Cancellation/Substitutions No Cancellation will be permitted once a registration form is received. However, substitution is allowed.

SPONSORS

3WSC WOMEN AND THE
4TH INDUSTRIAL REVOLUTION
RUW 3RD CONFERENCE ON WOMEN AND SOCIETY

WOMEN AND THE 4TH INDUSTRIAL REVOLUTION

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STRATEGIC PARTNERS



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