

Under the honourable patronage of His Highness Sheikh
Mohammed Bin Rashid Al Maktoum
 UAE Vice-President, Prime Minister, and Ruler of Dubai

Flashes from The Knowledge Summit 2016 Knowledge...Present and Future



Summit followers over media and social media

7,400,000



Media Coverage

38



A selection of experts and specialists in the knowledge industry

55



Registrars

7,900



Attendants

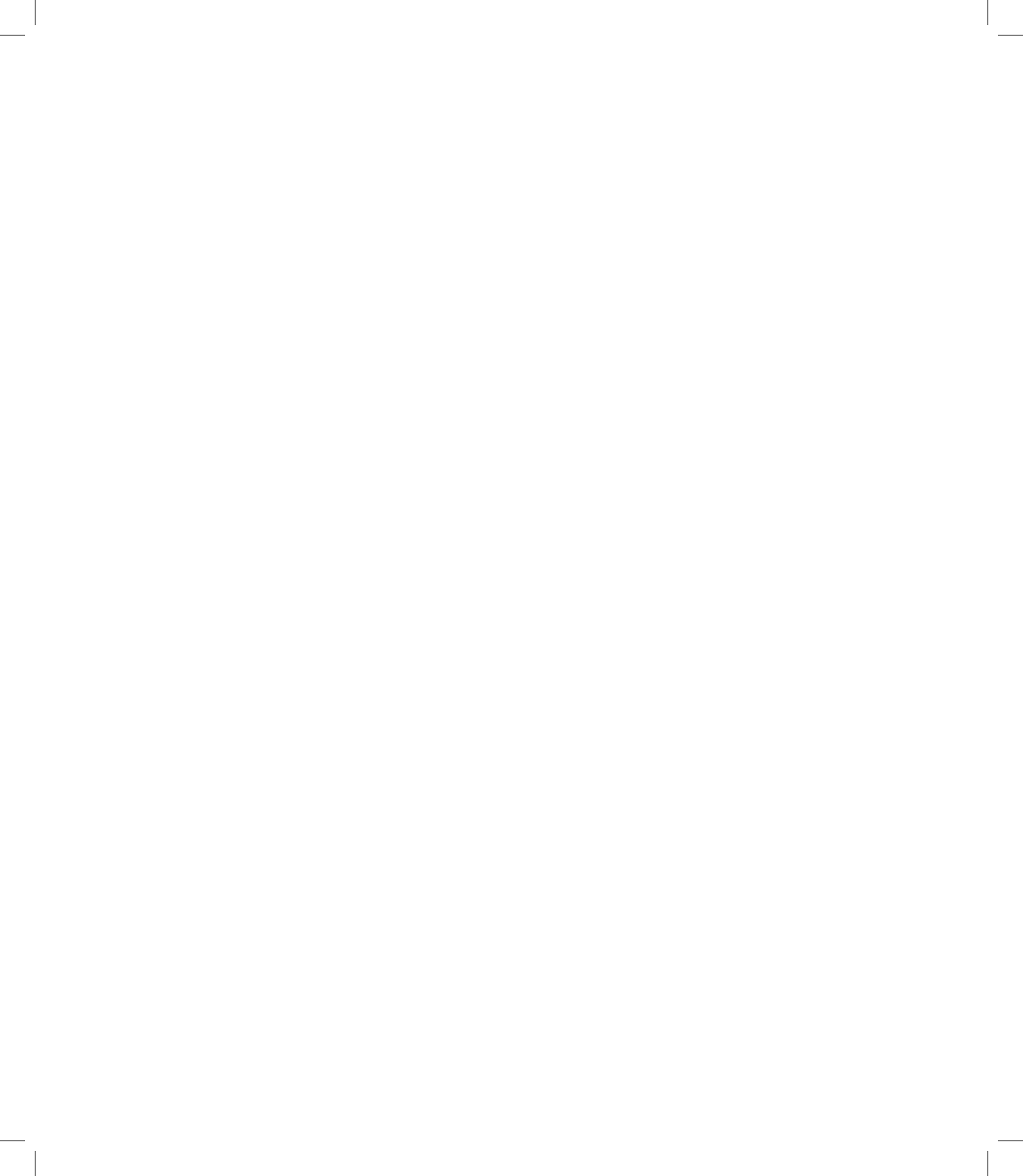
4,800

www.knowledgesummit.ae

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Under the honourable patronage of His Highness Sheikh
Mohammed Bin Rashid Al Maktoum
UAE Vice-President, Prime Minister, and Ruler of Dubai

Flashes from
The Knowledge Summit 2016
Knowledge...Present and Future

His Highness

Sheikh Mohammed Bin Rashid Al Maktoum

UAE Vice-President, Prime Minister, and Ruler of Dubai

May Allah protect him



His Highness
Sheikh Hamdan Bin Mohammed
Bin Rashid Al Maktoum
Crown Prince of Dubai and Chairman of Dubai
Executive Council



His Highness
Sheikh Ahmed Bin Mohammed
Bin Rashid Al Maktoum
Chairman of the Mohammed Bin Rashid
Al Maktoum Knowledge Foundation





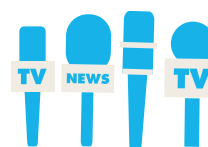
The Summit in Figures



Audience
4,800



Online Registration
7,900



Media Coverage
38



Days
3



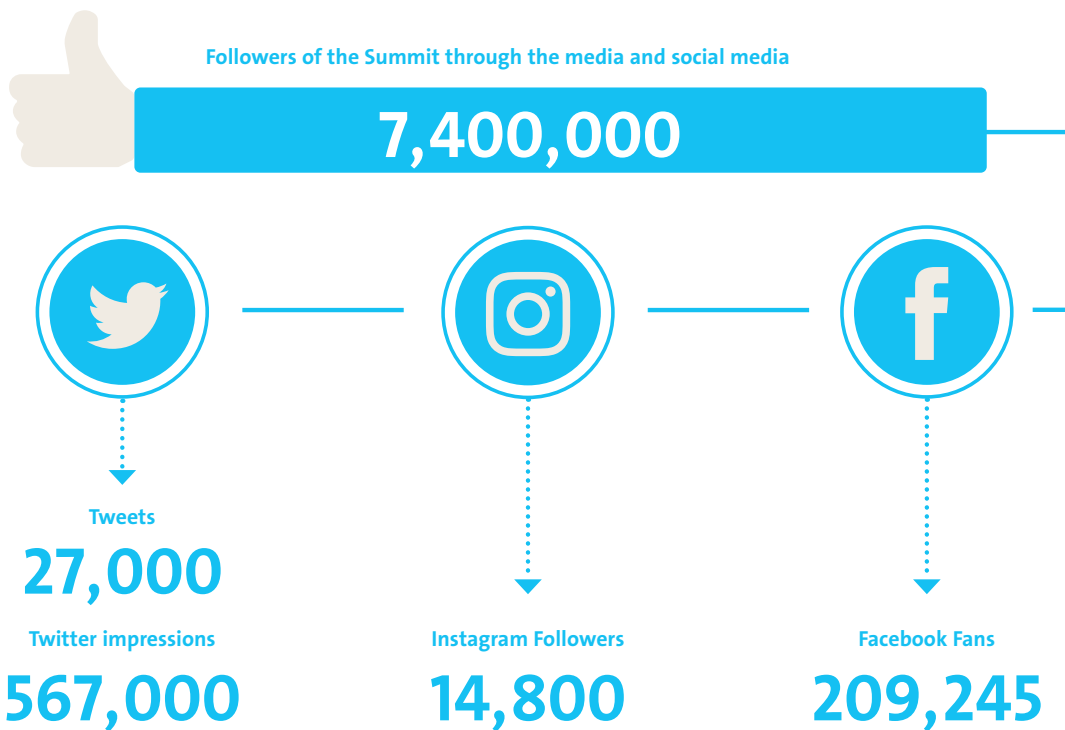
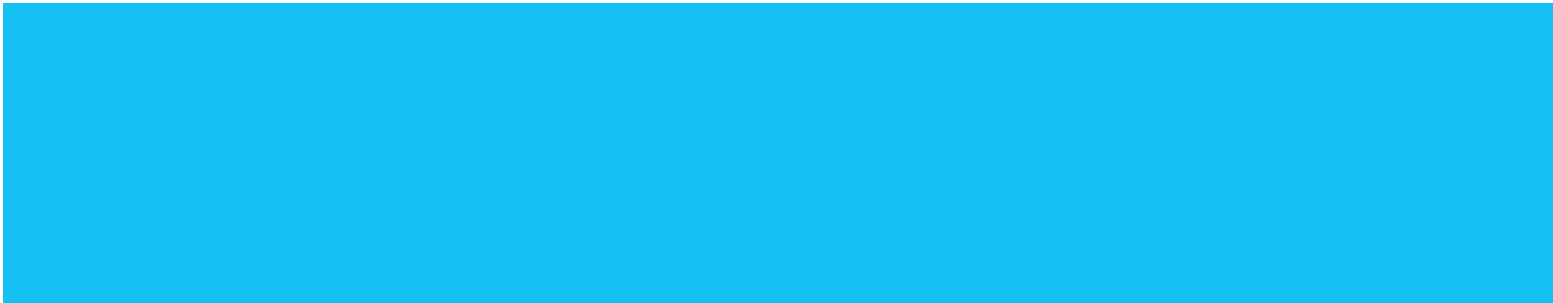
Sessions
16



Speakers
55



Official Website visits
208,000







Day One

Day One

Monday, December 5, 2016





National Anthem

Day One

Monday, December 5, 2016



10:00 – 10:45

OPENING CEREMONY:

Events

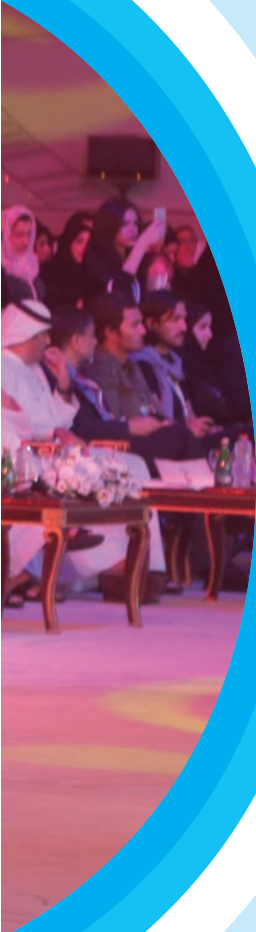
- Address by the Mohammed Bin Rashid Al Maktoum Knowledge Foundation
- Address by the United Nations
- Address by the Guest of Honour
- Announcing the results of the Reading Index
- Announcing the winners of the Mohammed Bin Rashid Al Maktoum Knowledge Award

Guest of Honour

Tony Abbott – Former Australian Prime Minister

Speakers

- **H.E. Jamal Bin Huwaireb**
Managing Director of the Mohammed Bin Rashid Al Maktoum Foundation
- **Ban Ki-Moon**
Secretary-General of the United Nations - TV speech
- **Sophie De Caen**
Deputy Director of the Regional Office – UNDP
- **Turki Bin Abdullah Aldakhil**
General Manager of Al Arabiya Television News Network in Dubai





H.E. JAMAL BIN HUWAIREB

Managing Director of the Mohammed Bin Rashid Al Maktoum Foundation



“The U.A.E leadership has early perceived the importance of knowledge and reading in building sustainable societies that can gain, spread, and nationalize knowledge. Therefore, it has launched strategic plans for this purpose.”

The Knowledge Summit ...

A platform for top business players around the world.

A recognized informative summit that brings together top business players around the world, the Knowledge Summit serves as a platform for discussing, sharing experiences, visions, and ideas, as well as exploring best practices. It aims to empower communities to go ahead towards sustainable development and achieve prosperity.





Ban Ki-Moon

Secretary-General of the United Nations - TV speech



“Acquiring knowledge is a basic requirement to prepare for the future, especially among young people who need to use their capabilities in supporting knowledge.”

By improving knowledge, we mainly seek to develop coming generations.

At the United Nations, we appreciate the dedicated efforts of His Highness Sheikh Mohammed Bin Rashid Al Maktoum to promote science, innovation, and sustainable development, and extend knowledge. We value his efforts to motivate young people and prepare them for the future, which is a major step. Young men should be offered good opportunities in the future to achieve greater productivity.





Sophie De Caen

Deputy Director of the Regional Office – UNDP



“The most notable achievement of our partnership is the Arab Knowledge Summit, a reliable index for the evaluation of different aspects of knowledge in the context of development in Arab countries.”

Thanks to our partnership, pioneering achievements and initiatives have been introduced.

Over ten years, we have established an effective partnership with the Mohammed Bin Rashid Al Maktoum Foundation, with a view to foster knowledge. As a result, many successful achievements and initiatives have been launched, e.g. regional reports, the Arab Knowledge Index, Knowledge for All (an interactive online platform), and more recently, the Arab Reading Index.



The Knowledge Summit 2016

Knowledge, Present & Future



Tony Abbott

Former Australian Prime Minister



“If you wonder how to survive future challenges, education is the answer. A successful education is one that is based on values, standards, effective syllabuses, and trained teachers.”

Dubai has now become one of the wonders of the world.

The UAE is by all means a successful country. The government is playing a pioneering role to empower, support, and ensure equality among people, so that they can responsibly contribute to their country's development. The growth and advancement achieved by the UAE is an example to follow, particularly with regards to such harmony in a society that features a wide array of ethnicities and nationalities.





Turki Bin Abdullah Aldakhil

General Manager of Al Arabiya Television News Network in Dubai



The Arab Reading Index offers a reliable collection of data,” not only on the number of minutes spent in reading and the books read, but also on what Arabs read, how they read, in what language, and what they think of the availability of “favourable reading environments in their countries

Arab Reading Challenge ... our broadest knowledge initiative.


The Arab Reading Index has encouraged Arab people to love reading, and has developed a thorough model for evaluating reading in the Arab World. Nearly 20,000 respondents were expected to take part in the survey. Amazingly enough, 148,000 nationals of different Arab countries participated. Indeed, the Arab Reading Challenge is regarded as the biggest reading event in the world.



Day One

Monday, December 5, 2016





**The winners of the
Mohammed Bin Rashid Al Maktoum
Knowledge Award**



**The winners of the
Mohammed Bin Rashid
Al Maktoum Knowledge
Award**

**The winners of the
Mohamed Bin Rashid Award
for 2016 estimated at one
million dollars:**



The Arab Thought
Foundation, chaired by
His Royal Highness Prince
Khaled Al-Faisal, received
the award from H.R.H.
Prince Bandar Bin Khalid
Al-Faisal Bin Abdulaziz,
Chairman of the Arab
Thought Foundation.



Abu Dhabi Future Energy
Company (Masdar),
received by Dr. Sultan
Ahmed Al Jaber, Minister
of the State and Chairman
of Masdar,



Melinda Gates, Co-Chair
of Bill and Melinda Gates
Foundation, received by
Hassan Damluji, Head of
Relationships in the Middle
East at the Bill & Melinda
Gates Foundation,



Day One

Monday, December 5, 2016



9:00 - 9:45

First Session:
Future Technologies. What's Hidden?

Speaker

Thomas Frey

Executive Director and Senior Futurist, DaVinci Institute



Thomas Frey



“Over 2 billion jobs will close by 2030. People have to think of other opportunities.”

A future we draw in our mind is a future we can achieve.

In the future, some business sectors will disappear while others will evolve. There will be many job losses and gains in the process. So, companies across sectors need to get ready now, if they wish to grow, have vision for the future, and avoid failure.



Day One

Monday, December 5, 2016



11:00 – 12:30

Second session

Knowledge... Future Foresight – Panel discussion

Session Topics:

- The Concept of Future Foresight
- Methodologies and Tools of Future Foresight
- Governments that succeeded in Future Foresight
- New Insights, Methods and Techniques for Forecasting and Decision-making
- How Important is Future Foresight?
- Foresight Experiments and their Impact on Decision Makers (their role in decision-making)
- The means employed in this area
- Future Global Trends that Shape the Future of the Knowledge in the World

Moderator

[View profile](#)

Theodore Jay Gordon

World Renowned Futurist and Management Consultant

Speakers

Philip E. Tetlock

Co-founder of Good Judgment, Inc.

Mike Singh

Chairman and CEO of Telkom Caribe Group

Sulaiman Mohamed Alkaabi

CEO of Future Foresight Foundation, Abu Dhabi





Theodore Jay Gordon



“Foreseeing the future has gained its importance from the desire of the human mind to take risks and read signs that will later become facts on the ground.”

Modern technology will not play a big role in changing decisions in the future.

Foreseeing the future means the ability to make predictions and take the right decisions through analysing the human mind and the types of decisions it takes in different situations. It divides into two types: -1 It depends on facts and realistic analysis and -2 Physical theories that have not been applied in full.





Philip E. Tetlock



“In order to understand and foresee the future, we should be open and honest, use resources efficiently, and unleash our imagination and innovation spirit.”

Imagination, creativity, knowledge: keys of the future.

To foresee the future, a host of basic practices is required, e.g. courses that feed imagination and creativity to answer inquiries concerning many people in our society, with a view to stimulate creativity and innovation.





Sulaiman Mohamed Alkaabi



“Foreseeing the future is no longer a philosophical concept. Rather, it has developed into an academic discipline that answers a number of questions on how to prepare for the future and what skills and professions will be in demand.”

Getting ready for the future... skills and jobs in-demand.

Foreseeing the future means the ability to make predictions. To understand the future, we need to master the required skills. There is, however, a difference between foreseeing and strategic planning. The latter is based on bigger predictions, which means greater imagination and innovation. Strategic planning is a long-term sort of planning that may cover more than 10 years.





Mike Singh



“Brix Cable is one of the giant technological projects that will identify how next generations will access and use internet.”

A promising project for easier Internet access.

Brix Cable will shape the way we think of Internet access and its uses. In this project, a sea Internet cable will be set up to connect Asia, the Middle East, Africa, and the two Americas together. It aims to fill the digital gap in emergent markets in the south.



Day One

Monday, December 5, 2016



12:50 - 1:30

Third Session

**A panel discussion with guest of honour
Tony Abbott – Former Australian Prime
Minister**

Moderator

Becky Anderson,
Anchor, CNN International

Guest of Honour

Guest of Honour
Tony Abbott, Former Australian Prime Minister





Tony Abbott



“I really admire Dubai’s leading experience in encouraging more and more people to seek knowledge and education. That is where every nation should start the path of development.”

Prime considerations for better education.

To achieve better and more advanced education, we should develop syllabuses and educational environments that offer equality, attract learners, and motivate them to like the learning experience. We should guarantee an appropriate working atmosphere and continuous professional development for teachers. Above all, parents should be involved in the educational process, and adequate funding is needed for education and educational programs.



Day One

Monday, December 5, 2016



2:30 - 3:45

Fourth Session:

Future Foresight – Against Ideological Extremism

Session Topics:

- Future Foresight Contributes to Tolerance and Intellectual and Cultural Openness
- Future Foresight is an intercultural bridge and a gateway for openness and communication
- Future Foresight is needed to do away with static ideas and present stereotypes

Moderator

Sultan Mohammed Al-Nuaimi

Faculty Member, Abu Dhabi University

Speakers

Dr. Jawad Anani

Deputy Prime Minister for Economic Affairs

Ambassador Theodore H. Kattouf

President & CEO AMIDEAS

Ann Morgan

UK-based writer, editor and author



Dr. Sultan Mohammed Al-Nuaimi

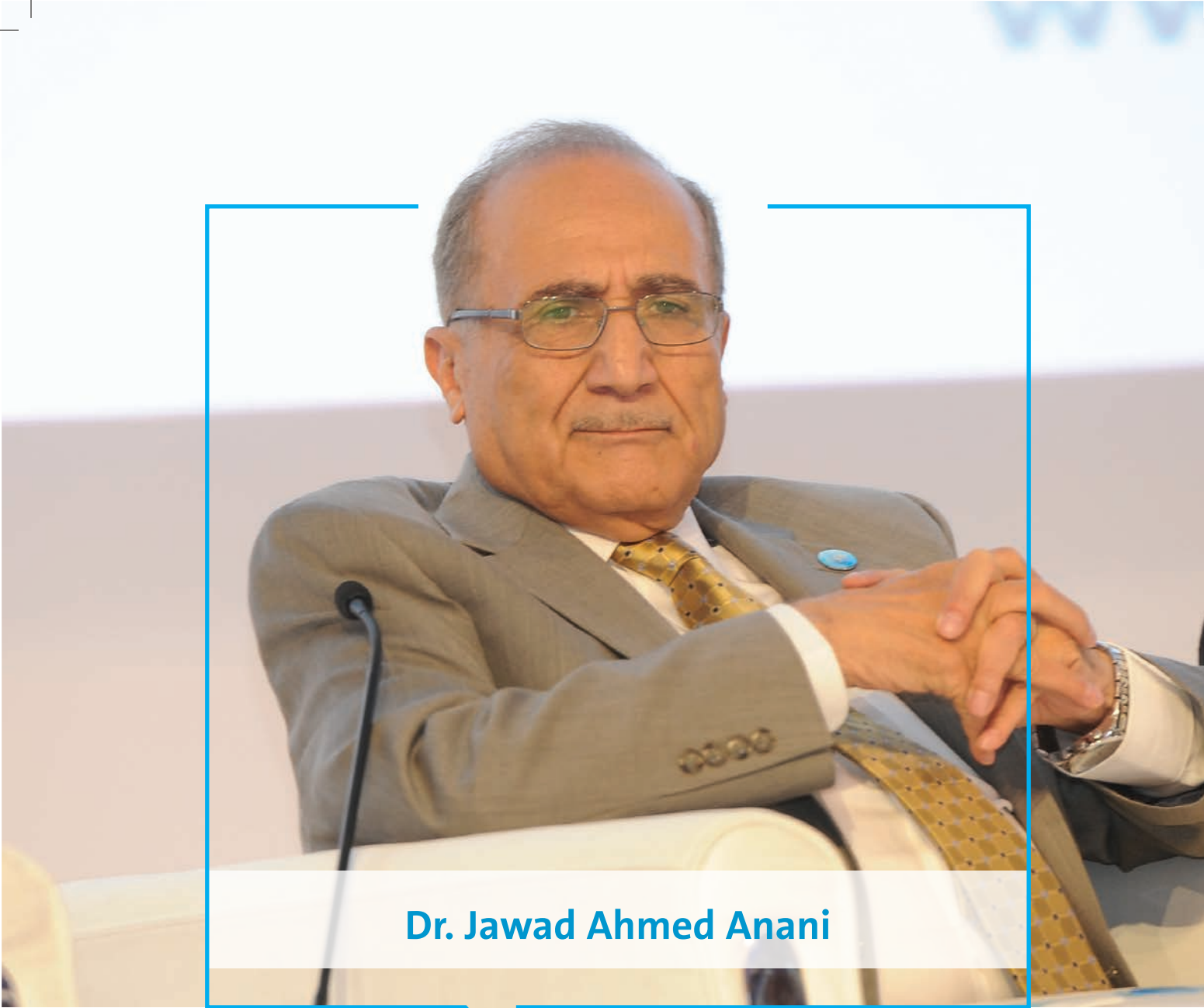


“Awareness of current challenges and problems in the region, and deep analysis of their reasons will help us make informed recommendations and offer solutions for our future.”

Openness and communication can address extremism.

The core of our initiative is to establish effective communication between cultures, improve intellectual openness, benefit from knowledge and reading to be aware of present challenges, and diligently examine their origins. Consequently, we will be able to make recommendations that can help in protecting people from adopting negative and extremist attitudes.





Dr. Jawad Ahmed Anani



“Thanks to its leading role and position as an intellectual hub for discussing global issues, the U.A.E has been offering creative models and solutions to countries around the world.”

Teaching younger generations how to be tolerant.

It is important to establish a culture where people would respect each other's opinions to face extremism. We should be well-prepared and use the technology employed by extremists to spread their destructive ideologies. Only then, we can face them with force at the same time.





Ambassador Theodore H. Kattouf



“Here, I want to stress the experience of Dubai in establishing the values of tolerance, cultural openness, and peaceful coexistence among people of different backgrounds within the Emirati society.”

Offering new job opportunities for young people is the first step towards planning for the future.

According to the reports, 2 million job opportunities will be introduced by 2030. Countries must start planning and develop strategies in light of the current changes and future trends. We can face terrorism by raising the awareness of young people, and encouraging them to pursue education, and offer them job opportunities.





Professor Ahmed Ouzzi



“Family plays a vital role in fostering the values of citizenship which greatly impact a person’s ability to get involved in society, feel loyal to it, and be part of its development.”

Education and communication: one and the same.

Our aim is to support educational institutions in spreading knowledge, correcting misconceptions that might be manipulated by extremists to deceive others, control media channels and the content they propagate, and improve media to seal the gap among generations.





Ann Morgan



“It’s important to involve refugees, especially children, and to establish an anti-violence culture among them. We should also pave the way and provide means to get them involved in their new communities.”

Reading narrows intellectual distance among peoples.

It is by reading and sharing cultural heritage that societies can be open to each other. Other cultures can also be explored and people can be more tolerant to others and can see the world from a different perspective. Reading, therefore, helps people speak friendly languages and strengthens the bonds of communication between individuals around the world.



Day One

Monday, December 5, 2016



3:50 - 5:15

Fifth Session: **Knowledge and Future Cities**

Session Topics

- Future cities: their Foundations and Components.. Their Pros and Cons
- Shedding light on Dubai Government efforts in future foresight: SMART DUBAI
- Smart cities and technological knowledge advancement
- 3D Printers for buildings/home
- Smart Mobility: self-driving cars and the Hyperloop
- Role of the cities in knowledge economies

Moderator

Dr. Sed Saad

University Professor and Consultant in Innovation and Strategy

Speakers

H.E. Saeed Mohammad Ahmad Al Tayer

Managing Director & CEO, Dubai Electricity & Water Authority (DEWA)

Dr. Aisha Butti Bin Bishr

Director General of the Smart Dubai Office

Vivek Wadhwa

Academic, Researcher, Writer, and Entrepreneur

Bibop G. Gresta

Chairman & COO, Hyperloop Transportation Technologies, Inc.

Dirk Ahlborn

CEO of Hyperloop Transportation Technologies, Inc.



Dr. Sed Saad



“Having introduced an innovative strategy, Dubai is now a smart and sustainable city offering all services seamlessly and professionally. Dubai has encouraged technological innovation to help its society lead a happy life.”

Cooperation between the public and private sectors is needed for a better future.

It is necessary for the private and public sectors to enter into partnership in all respects. Such partnership will set up smart cities equipped with data, and use future technologies that will ensure well-being and high-quality services for people living in these cities.





H.E. Saeed Mohammad Ahmad Al Tayer

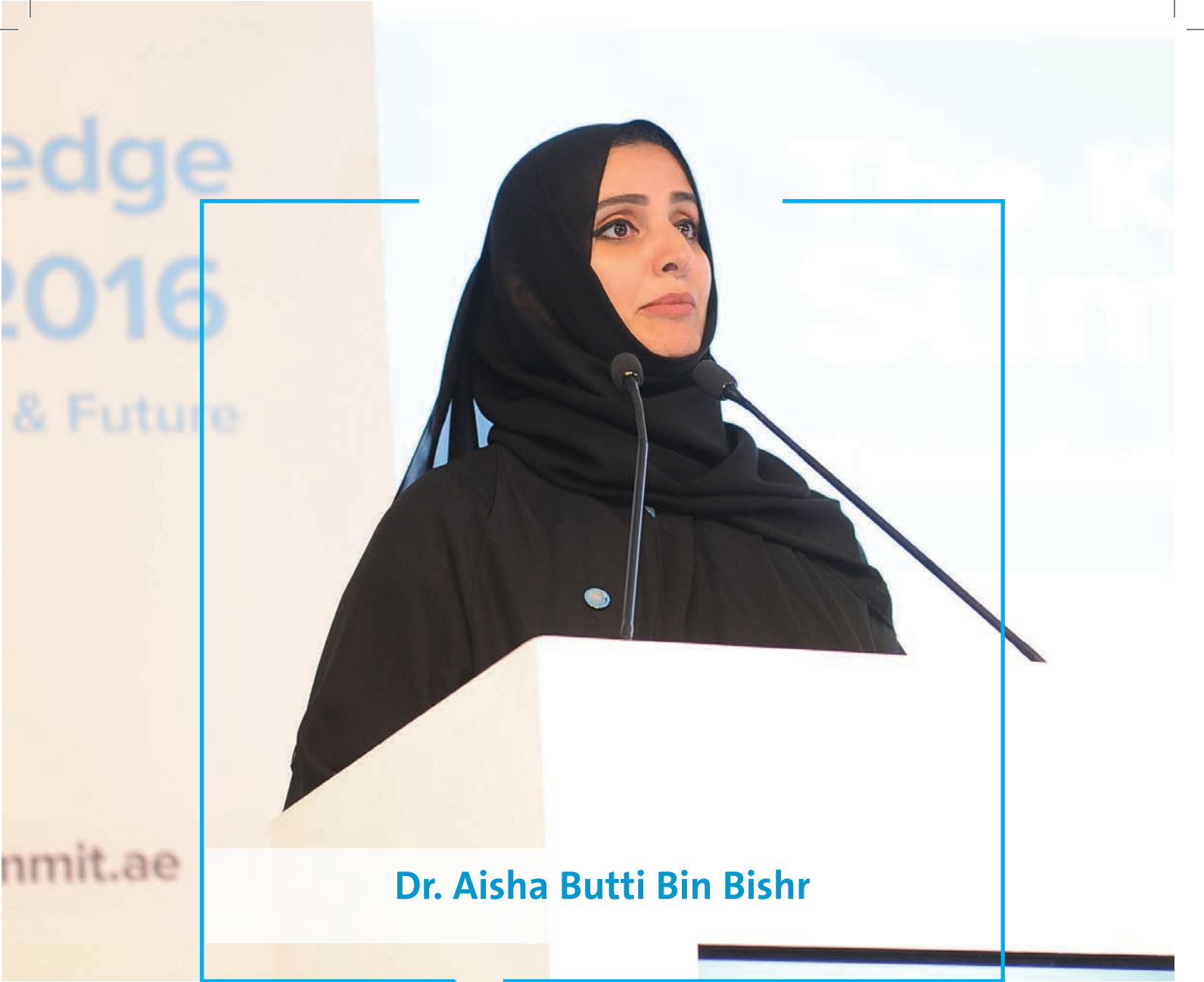


“According to the vision of His Highness Sheikh Mohammed Bin Rashid Al Maktoum, clean, primarily solar, energy, will account for 75% of the total energy use in Dubai. Many green projects will also be introduced.”

A smart vision for a smart life.

Smart cities are mainly inspired by cooperation between the public and private sectors to achieve the vision of His Highness Sheikh Mohammed Bin Rashid Al Maktoum. Dubai is planned to be a smart, sustainable city that offers all services seamlessly and professionally, and that encourages technological innovation to help its society lead a happy life.





Dr. Aisha Butti Bin Bishr



“Every city has its own approach to smart applications. A smart city is one that ensures a smart, happy, and effective experience to its people.”

Accurate data at the right time and in the right way.

Data is the core of urban development, contributing to the economy and growth. Therefore, all authorities should share data with each other to help smart transformation. Without available and accessible data, we can't establish smart cities.





Vivek Wadhwa



“Smart cities can use diverse technologies, e.g. unmanned planes, smart transportation Hyperloop, 3D printing, etc...”

Future cities will make a breakthrough in using modern technologies.

State-of-the-art technologies have almost invaded every industry. They offer great and important opportunities for development at various levels. They will be a turning point in health, transport, agriculture, and so many other areas that will be undergo a massive development with the transformation of future cities.





Bibop G. Gresta



“With such major technological advancement in the robot industry, the making of robots will be in great demand and will have a strong and effective portfolio in the future.”

A strong knowledge-based economy means an honourable life for future cities inhabitants.

We need to build knowledge-based economies that can promote more developed cities and services. Extensive use of state-of-the-art technologies can save energy and make many things easier. For instance, unmanned planes have made possible many things that used to be impossible.





Dirk Ahlborn



“The Hyperloop technology will be extremely important when planning smart cities. It will play a remarkable, essential part in making the transportation of people and commodities easier.”

Hyperloop will be the mainstay transportation technology in future cities.

Sustainable smart transportation is a major consideration in transportation planning for future smart cities. The Hyperloop technology will play a vital and efficient role in addressing the current transportation issues. If it is employed efficiently, it will eliminate problems caused by traffic jams.







Day Two

Day Two

Tuesday, December 6, 2016



9:00 - 10:00

First Session:

The future of reading in the Arab world (Arab Reading Index results)

Session Topics

- The Arab World Reading Reality according to international indices
- The Importance of the Arab Reading Index
- A look at the Arab Reading Index results

Speaker

Jamal Bin Huwaireb

Managing Director of the Mohammed Bin Rashid Al Maktoum Foundation

Dr. Hany Torky

Chief Technical Advisor, Arab Knowledge Project, United Nations Development Programme

Najoua Ghriss

Professor at the Higher Institute of Education and Continuous Training in Tunisia





H.E. Jamal Bin Huwaireb



“The U.A.E.W. is assuming a leading role in reading initiatives. Sheikh Khalifa Bin Zayed Al Nahyan declared year 2016 as the ‘year of reading’, and the national reading strategy has been launched.”

Improving the practice of reading among people in the society.

The R.I. project has revealed that the U.A.E. lays a special focus on reading as a basic means of gaining knowledge, boosting innovation, and raising cultured generations that can produce, share, and spread knowledge, in order to move towards a knowledge-based economy. The U.A.E. has announced many initiatives that aim to establish an integrated system of knowledge.





Dr. Hany Torky



“The U.A.E. is the top country at the Arab and global levels in developing the IT Index for its future vision, and the Government Success Index to promote information technology.”

Continuous development of evaluation tools to ensure accurate results.

Our aim is to develop sound evaluation tools of reading practices in Arab societies. The Arab Reading Index still covers the same areas, though on a more developed basis. Some aspects have been reshaped, while new ones have been added, especially in research and development, innovation, and technological education.





Professor Najoua Ghriss



“The Arab Reading Index is a main tool for broadening knowledge and formulating the required strategies to develop a knowledge-nurtured community, through collecting qualitative and quantitative information about the current reading practices in the Arab World.”

Reading is the way to authentic science, thought, and knowledge.

It is essential to evaluate reading when planning to foster a knowledge-based society. Reading, on its own, is a tool that uses language for learning and education. Language, in turn, transfers, sponsors, and develops thought, culture, and science. With time, reading will change from a physical practice into a cultural channel that serves humanitarian and cognitive purposes.



Day Two

Tuesday, December 6, 2016



10:10 – 11:50

Second Session:

Reading, Diagnosing Reality and Future Foresight A Discussion Panel with Decision Makers:

Session Topics

- How does reading play an important role in promoting social culture and in protecting national identity?
- How does reading contribute in mastering a language, and its impact on supporting the pillars of belonging and national identity?
- Reading and its role in forming a child's personality and the impact of translated books on the identity of Arab children
- Building a reading generation requires a fostering environment and supportive enablers to practice reading and writing
- Families bear the main responsibility in forming a child's desires, including the desire to read
- Home Libraries are integral to an environment that will build a reading generation
- The role of schools, teachers, and curricula in building awareness on the value of reading

Moderator

Professor Yousry Elgamal

Former Minister of Education in Egypt and former Chairman of the Board of Trustees at Egypt-Japanese University of Science and Technology

Speaker

H.E. Dr. Ahmad Belhoul Al Falasi

Cabinet Member and Minister of State for Higher Education

H.E. Elias Bou Saab

Minister of Education and Higher Education in Lebanon

Professor Nouredine Selmi

Deputy Minister of Higher Education and Scientific Research, Tunisia





Professor Yousry Elgamal



“It was my pleasure to be part of a team developing the knowledge index for the second consecutive year. This index, along with other initiatives, contributes to boost reading and knowledge in the Arab World.”

Diagnosing the current reading practices and making recommendations to improve them.

Our discussions should not be limited to the reading and knowledge index. They have to cover what this index implies and how it can be used to improve reading and knowledge, and, therefore, to support knowledge in the Arab World, boost the culture of Arab communities, and guard national identity.





H.E. Dr. Ahmad Belhoul Al Falasi



“The U.A.E. has announced the first reading law that sets legislative frameworks, executive programs, and specific governmental responsibilities to cherish the value of reading in the U.A.E. on a sustainable basis.”

Children are motivated to read good interesting content.

The opening of the Mohammed Bin Rashid Library has been announced. It is the largest Arab library, and it represents a great addition to the Arab World. It will feature digital and hard copies of books in numerous fields, a fact which will make reading a social habit.





H.E. Elias Bou Saab



“I feel proud that Lebanon has been ranked the top Arab reading country. It is because we have introduced the reading challenge initiative to private and public schools.”

School-family cooperation to foster reading.

Reading is a main area of interest for students who are keen to gain knowledge. It is the responsibility of families, especially mothers, to encourage their children to read. Raising a generation of passionate readers requires a supporting environment and capabilities for both reading and writing. Families and schools should play a main role in spreading students' awareness of the value of reading.





Professor Noureddine Selmi



“Reading is a tapestry in which identity, community culture, and the future are woven into one thread. It boosts national identity and community culture, which help us foresee the future in case they are brought into focus.”

Reading is the noblest human activity.

Reading is the engine that steers language and fuses it into the culture and identity of individuals and, consequently, societies. A society that does not preserve its first language is unlikely to survive. Language can be used and spoken by non-natives only if it is widely used and spoken by its native people. Children should be taught their mother language to shape their national identity and culture. In this way, they will grow up as active members of the society.



Day Two

Tuesday, December 6, 2016



12:00 - 1:30

Third Session:

Education Technologies and the Future

Session Topics

- Technology in traditional and innovative education
- The role of innovation in education
- E-learning: advantages and disadvantages
- Successful experiences from around the world
- New Curricula and Disciplines to Keep Pace with Future Prospects

Moderator

Dr. Prasad Ram

Co-founder and C.E.O. of Gooru

Speaker

H.E. Hussain Bin Ibrahim Al Hammadi

Minister of Education, Chairman of the National Commission for Education, Culture and Science

H.E. Dr. Talal Abu-Ghazaleh

Chairman of the Arab States Research and Education Network (A.R.S.E.N.)

H.E. Elias Bou Saab

Minister of Education and Higher Education in Lebanon

Katsuhisa Sagisaka

Director of International Affairs Division, M.E.X., Japan

Tony Wagner

Expert in Residence at Harvard University's new Innovation Lab

Knowledge... Present & Future



Dr. Prasad Ram



“Guru is a non-profit organization that offers advice to individuals on how to learn new skills and join training courses to meet the labour market requirements.”

Improving academic achievement.

Helping with the correct course of academic achievement to be followed, Guru focuses on outlining the approach and criteria of student evaluation. As a result, all information will be there to perform the required advancement in skills and knowledge. This is exactly the key transformation that makes such technology a successful tool, in particular on the labour market.





H.E. Hussain Bin Ibrahim Al Hammadi



“The U.A.E. has adopted a national innovation strategy, and education is one of its main aspects. This comes within the national vision for transformation to a knowledge-based economy.”

Innovative education is no longer optional.

The quick scientific development is bringing about a new mysterious world. A student should learn advanced skills to have a competitive advantage on the labour market. Innovative education has become mandatory to enhance student motivation and extend the learning experience beyond the limits of the textbook.





H.E. Dr. Talal Abu-Ghazaleh



“Announcing the first Arab union of digital universities aims to support the efforts of many Arab countries to adopt a knowledge-based approach to economy.”

A revolution rather than a change.

It has become self-evident that our transformation towards the future will be led by digital education, which is widely used in all different categories of the society. Future learning will be mainly online, since Internet access has been recognized as the right of every individual. The growth of societies is now measured by how far people can access the internet.





H.E. Elias Bou Saab



“Using modern technology, the U.A.E. has made enormous strides in the development of the educational process and academicsyllabuses.”

An educational revolution for a positive impact on education.

For real educational development to happen, modern technology should be integrated. Schools and teachers should demonstrate interactive skills and have updated information that cope with such modern technology. Consequently, they will be able to adapt to the fast change and achieve positive results for the future.





Katsuhisa Sagisaka



“While 60% of Japanese schools have libraries, the government intends to give access to 97% of primary schools and to 98% of secondary schools.”

Japan supporting education.

At the present time, Japan is carrying out many initiatives to develop the educational sector. It has adopted an analytical approach to thinking, and has motivated Japanese learners to use their mother language simply, and maintain its basic and aesthetic features. The Japanese government has also introduced a national plan that encourages children to read, and has passed a law to provide a supporting reading environment.





Tony Wagner



“Our schools have been established a century ago to teach and improve the arithmetic skills of a huge number of children at the same time.”

Future economy is guided by how far children can access knowledge.

In spite of its major contribution to economy, knowledge alone is not enough for establishing a complete economy, since it changes constantly. Economy should be based on developing the capabilities of children and young people to improve their innovative potentials, and empower them to deal with knowledge. This will be exactly the chief purpose of our economy in the future.



Day Two

Tuesday, December 6, 2016



2:30 - 3:30

Fourth Session: **The Arab Reading Challenge... The Future of Knowledge**

Session Topics

- The Arab Reading Challenge and its role in achieving reconciliation between different generations and reading

Moderator

Dr. Khalid Wazani

Economist, and Strategy and Knowledge Advisor at MBRF

Speaker

Dr. Hassan El-Bilawi

Secretary General of the Arab Council for Childhood and Development

Aiman Amin Jarrah

Deputy Secretary-General, Arab Reading Challenge

Muna Saeed Al Kindi

Manager of the first round of the Arab Reading Challenge initiative





Dr. Khalid Wazani



“The Arab Reading Challenge project has proved successful in attracting children, young people, and teenagers, the three most influencing segments in the Arab World. The targeted groups have found motivation to make books an essential part of their life.”

A young reader and a prosperous society.

The Arab Reading Challenge initiative will encourage young generations to love reading and knowledge. They will read about history, geography, science, culture, human values, and the culture of tolerance.





Dr. Hassan El-Bilawi



“Reading has a greater role than just obtaining information from books. It empowers young people to make rational judgments in relation to the current issues and understand difficulties in our way towards the future.”

Reading is the fastest way to improve thinking and apply knowledge.

The Arab Reading Challenge initiative will get learners out of the traditional learning stream propagated by educational institutions, to a wider space of freedom and ability to innovate and share knowledge. Reading enables people to perceive concepts and produce interpretations. As a result, knowledge can be gained and fostered.





Aiman Amin Jarrah

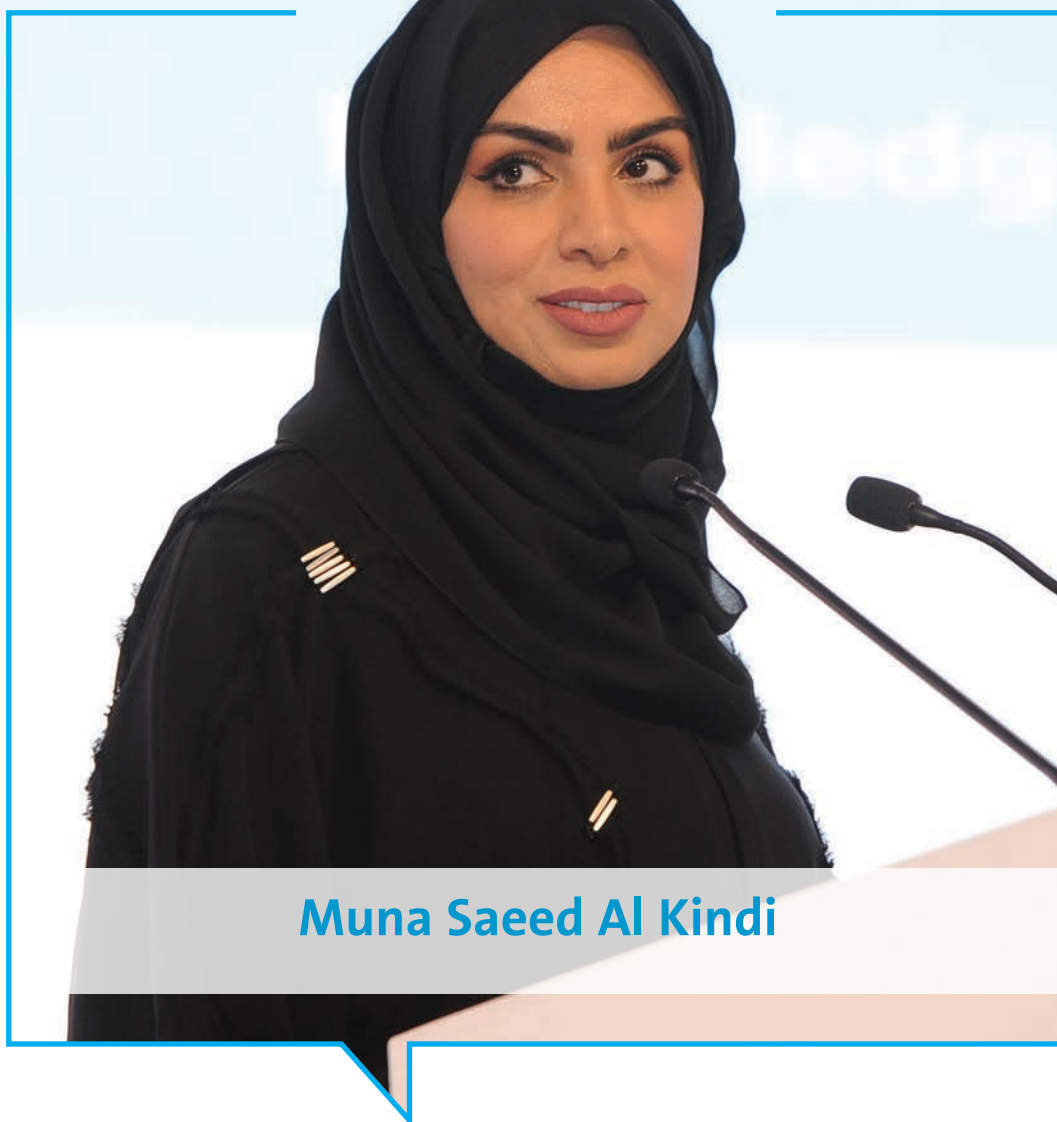


“Great aims and needs require great leaders to achieve them. This is exactly the case of the Arab Reading Challenge, an initiative launched by His Highness Sheikh Mohammed Bin Rashid Al Maktoum.”

Accessing Arab learners wherever they are and offering books to them.

The Arab Reading Challenge aims to attract Arab communities all over the world. We contact Arabs living in China and India to increase the participation of Arab native speakers from around the world. In its coming round, 50% of Arab learners are expected to take part in the challenge over the next five years.





Muna Saeed Al Kindi



“In one year, the Arab Reading Challenge has managed to create an unprecedented reading atmosphere among school students in the Arab World.”

Encouraging reading helps in the transformation towards a knowledge-based economy.

The Arab Reading Challenge has been launched to get learners beyond the covers of their textbooks. Family awareness campaigns are organized for students and parents all over the U.A.E. and in some Arab countries. We are planning to initiate a knowledge-oriented move that serves the purposes of our future economy.



Day Two

Tuesday, December 6, 2016



3:40 - 5:00

Fifth Session:

Youth... The Future With Arab Youth Ambassadors (20 Ambassadors)

Session Topics

- The Youth View of the Future
- Challenges Facing Youth in Areas like Education, the Labour Market and the Generational gap
- The Role of Youth in Finding and Applying Solutions
- Successful Initiatives to Encourage Youth

Moderator

Sarah Yousef Amiri

Head of the Council of U.A.E. Scientists

Speaker

Saeed Saleh Al Remeithi

Member of the Federal National Council, Chairperson of the Young Parliamentarians Forum in the Inter-parliamentary Union

Ousha Salem Alsuwaidi

Senior Developer, Experts and Consultants Office, Family Development Foundation

Raha Hassan Muharraq

The youngest Saudi and Gulf Arab Lady to have climbed the Everest



Sarah Yousef Amiri



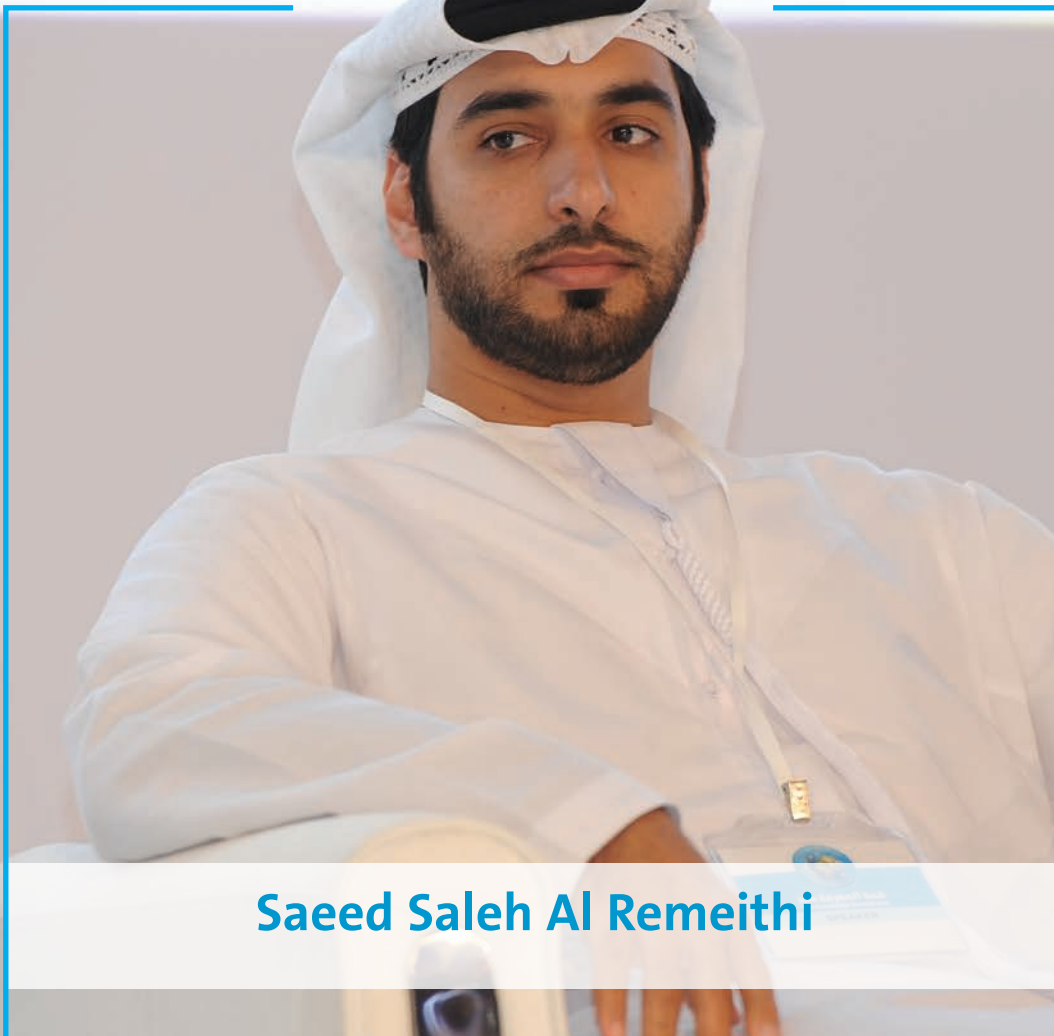
“Young people are the source of their nations’ strength and hope for a better future. When they flourish, their nations flourish too. The future is built by their potentials, capabilities, and skills. Thanks to their efforts, our country achieves a steady growth and our people are promised a prosperous life both at present and in the future.”

His Highness Sheikh Mohammed Bin Rashid Al Maktoum

Arab Youth is an asset that we should appreciate.

An Arab Youth Survey was released earlier this year. According to the survey, the majority of Arab young people wish to lead a stable life, and the lack of opportunities and jobs is chiefly why they can turn to extremism. So, meeting the needs of the youth is a prime consideration for the future of the region.





Saeed Saleh Al Remeithi



“Young people face major challenges that prevent them from taking part in the political process. They have to finish their academic education, gain skills, and set off for their future life.”

We listen to young people's voices ... they make a difference.

If young people wish to effectively take part in the political process, it is important for them to make a difference, innovate, be creative, and gain knowledge to overcome difficulties. Only then, they will be sure that their voices are heard and they can stand for parliamentary elections. They need to express their opinions through appropriate channels, since strong creative opinions will eventually prevail.





Ousha Salem Alsuwaidi



“The award of Her Highness Sheikha Fatima Bint Mubarak for Arab and foreign young people focuses on the importance of appreciation and recognition of the achievements and potentials of young people.”

The present generation has a different view of the world.

The current generation of young people is playing an effective role in our move towards development and change. They have the necessary potentials and talents to lead community change, especially under the auspices of organizations and institutions that support young people. Such organizations focus on supporting strategies and plans that boost thinking and community culture.





Raha Hassan Muharraq



“I used to regard my father as someone who represents society. If I can convince him that a woman can go up a mountain, then the entire society will be convinced, too.”

Positive dialogue leads to ambitious children.

Parents should be keen to have an open dialogue with their children about their big dreams and should encourage them to make their dreams come true. Therefore, children can show patience and perseverance to acquire knowledge and attain their goals.







Day Three

Day Three

Wednesday, December 7, 2016



9:00 - 10:30

First Session:

Knowledge and the Future of Health

Session Topics

- The future vision of the elements affecting human health
- Psychological Health
- Health facilities
- Diagnosis and treatment
- The future of fighting chronic diseases in light of recent discoveries
- The impact of technological development on the medical sector.

Pros & Cons

- Emerging Technologies in Genetics, Robotics and Nanotechnology

Moderator

Dr. Jamal Mohammed Al Kaabi

Director of Social Development Sector, Office of the Executive Committee, Executive Council of Abu Dhabi

Speaker

Prof. Mohamed Ghoneim

Professor Emeritus of Urology at Mansoura University, Egypt

Hugh Herr

Associate Professor, Media of Arts and Sciences, Health Sciences and Technology, M.I.T. Media Lab

Daniel Kraft

Physician-Scientist, Inventor, Entrepreneur and Innovator



Dr. Jamal Mohammed Al Kaabi



“The future brings about many innovations and modern inventions that will make a qualitative breakthrough. Better health services will be introduced and chronic diseases will be wiped out.”

The Knowledge Summit paves the way to a promising future for the U.A.E.

The Knowledge Summit aims to spread knowledge in the U.A.E., share successes and accumulated experience in this area of the region, and in the world as well. It also plans to attract academics and all parties, individuals and organizations, with major contributions to science and knowledge.



The Knowledge Summit 2019

Knowledge... Presenting

www.knowledgesummit.com



Daniel Kraft



“Hospitals will continue to operate in the future. However, a fewer number of beds will be there, since we will be healthier, not needing to visit hospitals.”

Information technology furthers the achievements of modern medicine.

Medical technology has featured an outstanding progress. Many technologies, e.g. digitalized medical data, chips for saving data, robots, probes, and automation, are of great help in improving healthcare, diagnosis, treatment, disease prevention, and even early diagnosis of diseases.





Hugh Herr



“The Nano-Technology is achieving a remarkable advancement in defeating disabilities and paralysis. It offers us the Bionics, artificial organs that are implanted in tissues.”

Towards a promising, disability-free future.

We have devices that are designed to help people overcome amputation experiences. We try to find a way to communicate with the brain through developing a map of the human mind, to receive response from specific cells and stimulate nerves. The device is connected to the nerve, muscle, and bone of the amputated organ, which leads to a better movement.





Prof. Mohamed Ghoneim



“Our future contributions should be focused on teaching science, math, and technology to keep up with quick global development.”

Impressive medical advancements inspired by knowledge-based technologies.

As robots have arrived on the scene, traditional surgeries have started to disappear and be replaced by devices put through micro-openings to perform surgery inside the body. So, the traditional, big kidney dialysis apparatus that is placed next to a patient's bed in the hospital will not be there. Instead, the patient will put on a device and have a walk while being on dialysis.



Day Three

Wednesday, December 7, 2016



10:40 - 11:40

Second Session: **A Journey to the Future**

Session Topics

- Highlighting the prominent futuristic trends in future technologies

Speaker

Jason Silva

Media artist and TV personality, specialist in brain games



Jason Silva



“Dubai represents a shining example in the application of future technologies, whose advancements have trespassed the limits of place and time.”

Change and renewal are needed to cope with future technologies.

Being familiar with future technologies, we should change the way we think and live. Changing the education system should be prioritized. We need to raise generations that know how to use future technologies and who are empowered to innovate and foster future innovations.



Day Three

Wednesday, December 7, 2016



11:45 - 1:15

Third Session: Media and Making the Future

Session Topics

- The concept of the media of the future
- Social media's impact on the media's role
- Media of the future and its role on one's personality
- Media of the future: advantages and disadvantages
- Traditional and electronic media
- Media Boom
- Is electronic media contributing in dividing the future (youths and elders)?
- Does the media lead to individualism?
- Does the media affect social customs?
- How will the media scene be in the future
- Science Fiction and its Impact on the Future of Humanity

Moderator

Caroline Faraj

VP Arabic Services, CNN

Speaker

Ali M. Jaber

Dean, MBRSC, AUD / Group TV Director, MBC

Brandon Stanton

Photographer and creator of the popular website HONY (Humans of New York)

Riz Khan

TV Reporter

Jason Silva

Media artist and TV personality, specialist in brain games



“The technological development caused a conflict of information. As a result, the audience preferred sometimes not to follow media reports on what was going on.”

Prompt response by the media to information technology implications.

There is a close connection between the media and making the future. They are interrelated and complementary, particularly in the Arab region where young people account for 60% of the population. Taking up the challenge, the media needs to increase its ability to cope with the quick technological developments and the extensive use of smart devices.





Ali M. Jaber



“While the media have an impact on the future, the future affects how the media handles issues in societies.”

Adapting to the knowledge situation and coping with quick development.

In light of the accelerating technological development and inability to keep up with such fast progress, adaptation will not be easy in many areas. For instance, education now requires preparing students to cope with technological tools that are expected to appear in the coming years. Given that adequate theoretical information is missing, adaptation is extremely important.





Jason Silva

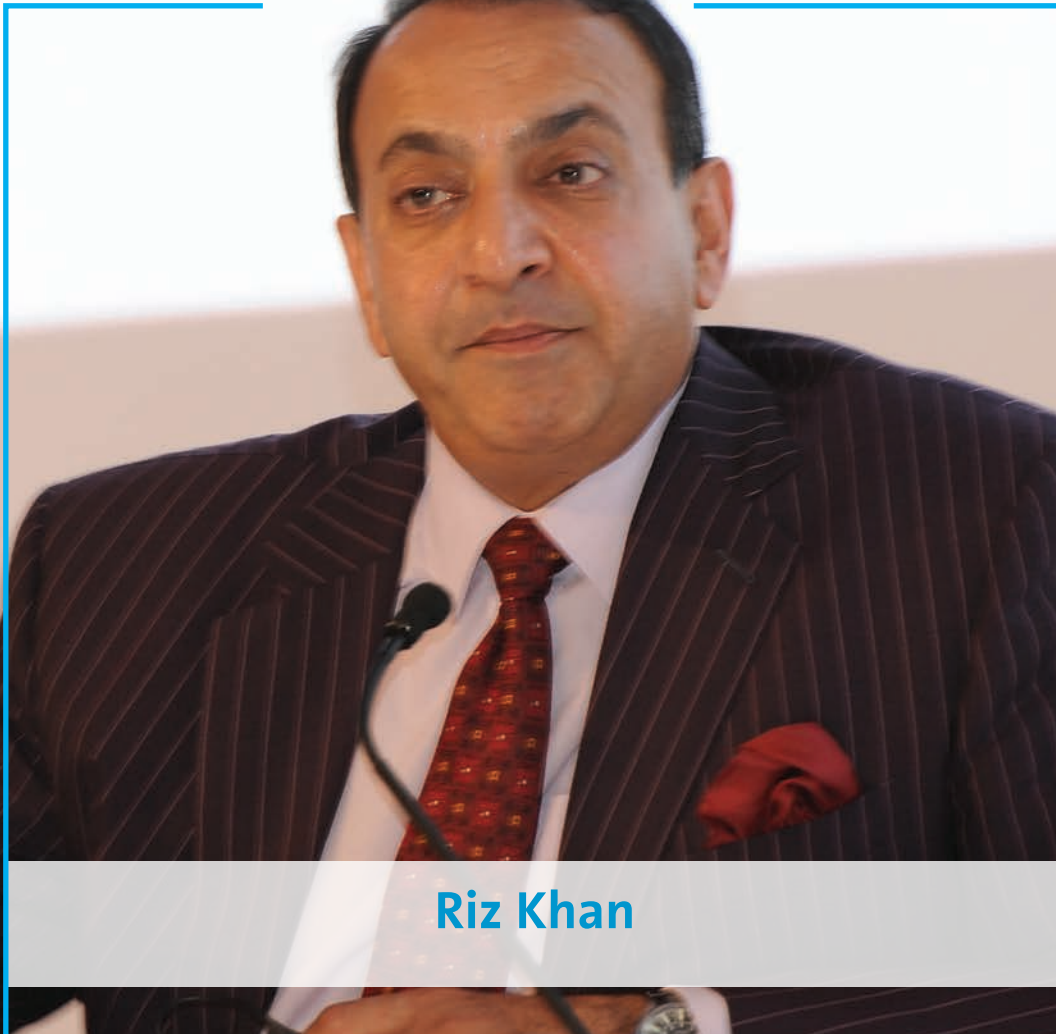


“Social media platforms are just an illusion. The fact that they have been commonly used by people led to catastrophic results. Everyone is living in a world that is completely detached from the real world.”

The real world we live in versus the world of the media.

Now, we learn about the world from the media that supply us with information which might not be real. Such topsy-turvy communication of news and information will be a stumbling block in our way to the future. The media builds up a misleading picture of issues and incidents, a fact, which strikes terrible fear into the hearts of people and gives rise to more disputes.





Riz Khan



“Sometimes, digital and more advanced media platforms are not to be trusted ethically. It has become mandatory to learn how to respond to information on a rational basis.”

True objective information as opposed to false biased news.

So far as I can tell as a media expert, people receive news from the media and are affected by certain biases and thoughts. The point with information nowadays is that it is impossible to judge them and know how far they are true. People should learn how to filter information and identify true and false information. For me, this is the biggest challenge.





Brandon Stanton



“Given the fact that social media websites are now very common, the use of them should have been guided by ethics, so that they could be more effective in addressing the quick changes in the future.”

Social media websites ... a double-sided weapon.

Social media websites were intended to reflect a better image of ourselves as individuals and nations, and of the world in which we live. If they were used appropriately, we would come closer to each other and would cooperate to enrich our scopes and boost our potentials. However, the situation is quite the opposite. We use such websites to share the worst news about us, trigger disputes, and stir up hatred among people.



Day Three

Wednesday, December 7, 2016



1:15 PM- 1:40 PM

Fourth Session: **Information and Knowledge**

Session Topics

- The role of libraries in building knowledge communities
- The importance of big data and information databases in promoting knowledge communication
- Conventional libraries & future libraries
- The significance of the Mohammed Bin Rashid Al Maktoum Library

Session Topics

H.E. Eng. Hussain Nasser Lootah

Director General of Dubai Municipality



H.E. Eng. Hussain Nasser Lootah



“The Mohammed Bin Rashid Library is an integrated hub of culture and media. It explores the future of information and helps in achieving the Dubai vision of leadership at the Arab and global levels.”

A piece of information is the core of making a knowledge-based economy.

The making of information is the most rapidly-growing industry at the present time. It is of cardinal importance in reinforcing knowledge-based communication. The sequence of an information system is based on five elements: creating and establishing, analysing and marketing a piece of information, and finally examining its outputs and the decisions that will be taken as a result.



Day Three

Wednesday, December 7, 2016



1:45 - 2:20

Fifth Session:

Updates of the Knowledge Index Press Briefing

Session Topics

- Impact of the Arab Knowledge Index on the Arab World
- The Arab Knowledge Index: The Stages of Evolution
- Results of the Arab Knowledge Index for 2016
- A future outlook at the Arab Knowledge Index

Moderator

Dr. Hany Torky

Chief Technical Advisor, Arab Knowledge Project, United Nations Development Programme

Speaker

Professor Najoua Ghriss

Professor at the Higher Institute of Education and Continuous Training in Tunisia

Dr. Khalid Wazani

Economist and Strategy and Knowledge Advisor at M.B.R.F.

Dr. Motaz Khorshid

Former Minister of Higher Education and Scientific Research in Egypt

Professor Yousry Elgamal

Former Minister of Education in Egypt and former Chairman of the Board of Trustees at Egypt-Japanese University of Science and Technology

Dr. Ali Ibrahim

The Main Writer For Higher Education Index.

Youssef Sadik

Professor of Sociology, head of the Department of Educational Fundamentals, Mohammed V University



Dr. Hany Torky



22 Countries have participated in the Index, which has become more stable than ever. The Arab Knowledge Index comes to crown common efforts between the Mohammed Bin Rashid Al Maktoum Knowledge Foundation and UNDP



Najoua Ghriss



“In pre-university education, we have added a course on pre-school study to the curriculum, since it is important for learners.”





Dr. Khalid Wazani



“We have introduced new courses of study that reflect the magnitude of commercial openness between Arab countries on the one hand, and between Arab countries and other parts of the world on the other hand. Courses on international added-value commodities have also been added.”



Dr. Motaz Khorshid



“Scientific research index focus on a number of issues: research&development,innovation,Incubatorenvironment and the infrastructure supporting scientific research.”





Professor Yousry Elgamal



“The rapid developments in the area of communications, and the consequent developments in the area of information have been taken into account when introducing the Information Technology Index.”



Dr. Ali Ibrahim



“The ‘Technical Education Index’ is based on three elements: Structure of education and training, corporate framework, and developmental context.”





Youssef Sadik



“In higher education, we have introduced 10 new courses that have a positive impact on the quality of higher education.”

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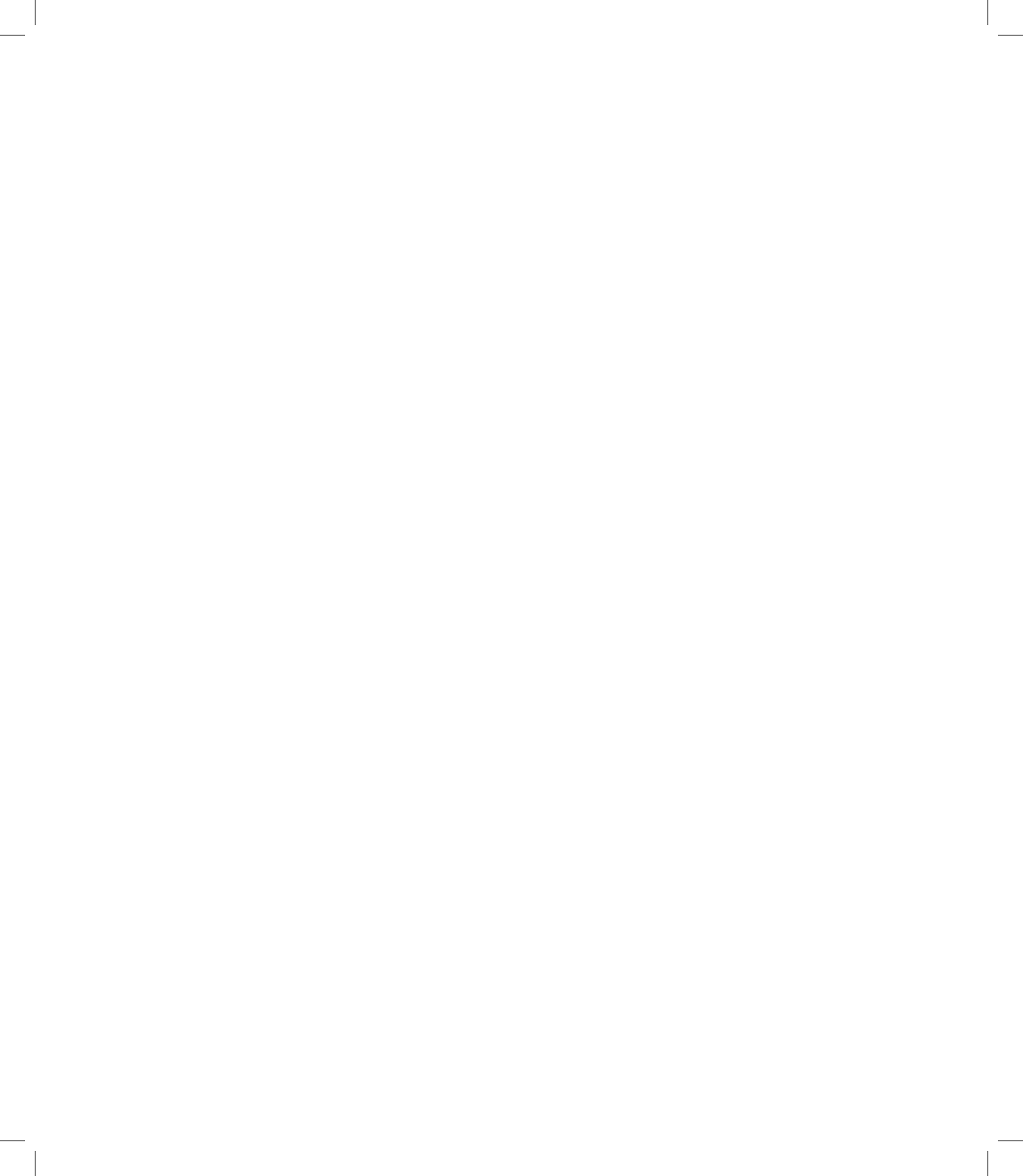




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