

الملتقى العلمي العالمي الالكالهي ٢٩٣٥ (XPO-SCIENCE) INTERNATIONAL 2013

15 - 17 September 2013, ADNEC

١٥ - ١٧ سبتمبر ٢٠١٣، مركز أبوظبي الوطني للمعارض





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تحت رعاية سمو الشيخ منصور بــن زايــد آل نميــان نائب رئيس مجلس الوزراء وزير شؤون الرئاسة

Under the Patronage of

H.H. Sheikh Mansour Bin Zayed Al Nahyan Deputy Prime Minister and Minister of Presidential Affairs of the UAE







The Expo-Sciences International (ESI) 2013 is the largest event in UAE focusing exclusively on the scientific creativity of young aspirant scientists from all over the world.

ESI is an initiative of the International Movement for Leisure Activities in Science and Technology (MILSET), a non-governmental, non-profit and politically independent youth organization, which aims at developing scientific culture among young people through the organization of science-and-technology programs.

Under the patronage of H.H. Sheikh Mansour Bin Zayed Al-Nahyan, Deputy Prime Minister of the UAE, Minister of Presidential Affair, the Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET) has the great pleasure to host and, together with MILSET, organize the 14th edition of the Expo-Sciences International that takes place from 15th to 17th September 2013, at the Abu Dhabi National Exhibition Centre (ADNEC).

We are pleased to welcome all of you, young aspirant scientists, in the capital city of the United Arab Emirates, Abu Dhabi.

This is a unique chance for all of you to exchange ideas and compare scientific projects fostering networking and international collaboration. At the same time to explore our country and be amazed by our attractions during your stay.

Hosting the Expo-Sciences International 2013 in Abu Dhabi represents to us a great opportunity of bringing together the bright minds of hundreds of youths like you, sharing the common interest of adding a little but valuable contribution to scientific innovation. We are truly committed to further fuel your ambitions by creating a global hub to promote science and research that may represent the stepping stone for future recognized scientists.

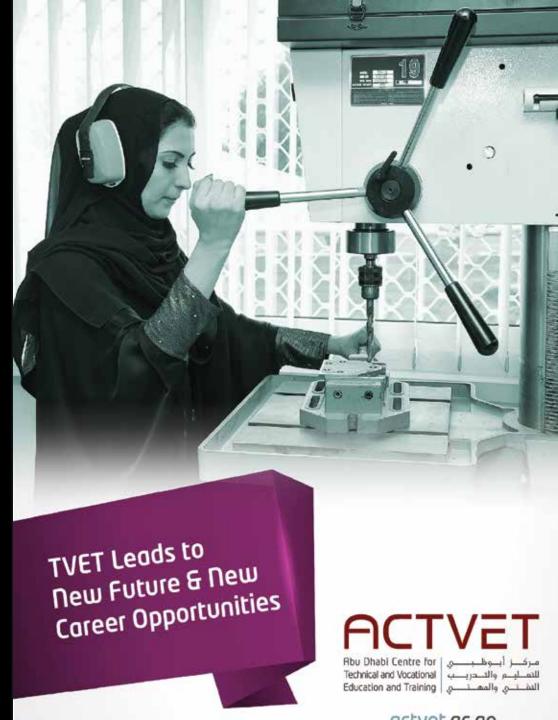
So...Let's spread the passion for science and together contribute to the development of a scientific culture amongst the citizens-adults of tomorrow.

We wish you a great experience in Abu Dhabi.

The Organizing Team

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actvet.ac.ae

Brought to you by:



The Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET) was created by the Abu Dhabi Executive Council in 2010 to preside over technical and vocational training in the emirate. ACTVET is committed to establishing policies and standards that effectively regulate technical and vocational educational institutions in the emirate of Abu Dhabi. Our goal is to increase the number of skilled young Emiratis employed in rewarding positions, with opportunities for life-long learning and personal development. In addition to regulating technical and vocational educational institutions, ACTVET is also responsible for the licensing of trainers and tutors that meet the demands of the UAE's local market. It does this by: providing guidance and assistance to the Abu Dhabi government and private institutions on technical and vocational education and training; undertaking original educational research in coordination with Abu Dhabi Education Council; and developing strategies and mutually beneficial partnerships with public and private education companies and bodies, as well as with training institutes. ACTVET was initiated by H.H General Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, Deputy Supreme Commander of the UAE Armed Forces and Chairman of the Executive Council, under Resolution No. 49/2010 (August 2010).

Learn more about ACTVET initiatives on www.actvet.ac.ae



The International Movement for Leisure Activities in Science and Technology (MILSET Movement International pour le Loisir Scientifique et Technique) is a non-governmental, non-profit and politically independent youth organization, which aims at developing scientific culture among young people through the organization of science-and-technology programs, including science fairs, science camps, congresses and others activities of high quality.

MILSET was created during ESI 87, the first International Science Fair held in Québec in 1987. Then, due to its constant growth, various Regional Offices were progressively established in Latin America, Africa, Asia, Europe and North America.

MILSET is an official partner of UNESCO

Get further information about MILSET on www.milset.org

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Premier Sponsor



IPIC is the International Petroleum Investment Company, formed by the Abu Dhabi government in 1984 to invest in the energy and related sectors across the globe. Today it manages a portfolio of investments in more than 15 leading companies across the hydrocarbon value chain, including exploration and production, shipping and pipelines, downstream retail and marketing, petrochemicals, power and utilities as well as industrial services.

The company was created by the late H.H. Sheikh Zayed bin Sultan Al Nahyan, founder and first President of the United Arab Emirates, to advance his vision of using Abu Dhabi's natural petroleum wealth to build a modern, diversified economy for the benefit of future generations.

With almost 30 years' experience, IPIC leverages its investments in order to enhance the overall performance of its portfolio under the leadership of its Chairman, H.H. Sheikh Mansour bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Presidential Affairs. The synergy within that portfolio and the mutually beneficial relationships with partners around the world are essential to the success of the company, which has grown fourfold since the end of 2006. IPIC has become a global enterprise, but it remains true to its founding goal of the betterment of Abu Dhabi's people and, literally, Empowering Our Future.



Empowering our future

www.ipic.ae

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الشركاء التعليميين Educational Partners





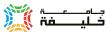
معهد أبوظبي للتعليدم والتدريب المهندي Abu Dhabi Vocational Education & Training Institute











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انضم إلى أروع ملتقى للعلوم في دولة الإمارات العربية المتحدة JOIN THE COOLEST EVENT ABOUT SCIENCE!



When: from 15th to 17th September 2013

17th September Ladies Only

Abu Dhabi National Exhibition Centre Where:

Hall 4-2 and Atrium

When: From 9:00 am to 6:00pm every day

Opening Ceremony: 15th September 10:30 am Atrium Entrance Opposite Gate D

ESI2013 Participants' Program

Friday 09.13

All day - Arrival from participants, transfer from Airports to the hotels.

10:00 to 12:00 - Leisure Time

12:00 to 14:00 - Lunch in ADNEC - Conference Hall A & B

14:00 to 18:00 - Leisure Time

19:00 to 21:00 - Dinner in ADNEC - Conference Hall A & B

Saturday 09.14

Until 12:00 – Arrival from participants, transfer from airports to the hotels.

7:00 to 8:00 - Breakfast at the Hotels

9:00 to 14:00 - Installation of the projects in the booths.

12:00 to 14:00 - Lunch in ADNEC - Conference Hall A & B

13:00 to 15:00 - Head of Delegations Meeting

14:00 to 15:00 - Booth Inspection

15:00 to 19:00 - Leisure Time

15:00 to 17:00 - Late installation of the projects and corrections asked after inspection.

17:00 to 19:00 - Leisure Time

19:00 to 21:00 - Dinner in ADNEC and Welcome Speech - Conference Hall A

& B

Sunday 09.15

7:00 to 8:00 - Breakfast at the Hotels

9:00 to 18:00 - ESI open to the Public

10:00 - Opening Ceremony

12:00 to 14:00 - Lunch in ADNEC - Conference Hall A & B

19:00 to 21:00 - Dinner in ADNEC - Conference Hall A & B

19:00 to 22:00 - VIP and Head of Delegations Dinner

Monday 09.16

7:00 to 8:00 - Breakfast at the Hotels 9:00 to 18:00 - ESI open to the Public 12:00 to 14:00 - Lunch in ADNEC - Conference Hall A & B 19:00 to 21:00 - Dinner in ADNEC - Conference Hall A & B

Tuesday 09.17

7:00 to 8:00 – Breakfast at the Hotels 9:00 to 18:00 – ESI open to the Public 12:00 to 14:00 – Lunch in ADNEC – Conference Hall A & B 16:00 to 19:00 – Rehearsal for cultural evening 19:00 to 23:00 – Cultural Evening and dinner in ADNEC – Halls 6 & 5

Wednesday 09.18

7:00 to 8:00 – Breakfast at the Hotels 9:00 to 12:00 – Dismantle of the projects 12:00 to 15:00 – Lunch and Closing ceremony in ADNEC – Hall 5 17:00 to 23:00 – Visit to Ferrari World and dinner during the tour.

Thursday 09.19

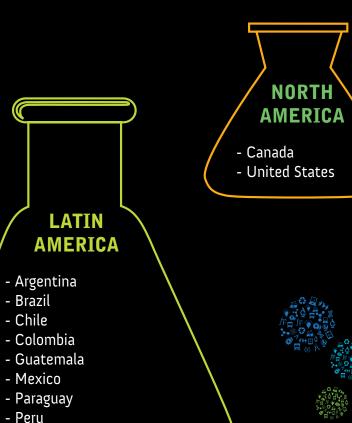
7:00 to 9:00 – Breakfast at the Hotels All day long – Check out and transfer to the airport for departure. 9:00 to 12:00 – Leisure Time 12:00 to 18:00 – Lunch in ADNEC 18:00 to 21:00 – Dinner in ADNEC – Conference Hall A & B



SCIENCE FROM A FRESH PERSPECTIVE

Over 1000 Students from all over the world bring creativity and scientific innovation to UAE

- Venezuela



EUROPE

- Austria
- Belgium
- Bulgaria
- Czech Republic
- Denmark
- France Germany
- Hungary
- Italy Latvia
- Luxembourg
- Netherlands
- Portugal
- Poland
- Romania Russia
- Slovakia Slovenia
- Spain
- Switzerland



ASIA

- United Arab Emirates
- Bahrain
- China
- India
- Iran
- Iraq
- South Korea
- Kuwait
- Malaysia
- Oman Qatar
- Saudi Arabia
- Thailand Turkey
- Taiwan
- Uzbekistan

AFRICA

- Algeria
- Gambia
- Kenya
- Namibia
- Nigeria
- Morocco
- South Africa
- Tunisia

LEISURE PROGRAM

The ESI2013 offers you a wide variety of tourist sites and activities in and around Abu Dhabi that give you the chance to explore the extraordinary heritage of UAE and also visit the main attractions of our country.



The United Arab Emirates (UAE) has emerged as one of the popular tourist destinations in the world, offering visitors interesting sightseeing and recreational opportunities. Sightseeing in the UAE includes a visit to ancient archaeological sites, historical landmarks, museums, mosques, traditional houses, as well as artificial islands, sand dunes, beaches and worldclass theme parks. Almost all seven emirates have some interesting sightseeing opportunities to offer to visitors.

Sheikh Zayed Mosque

The majestic Sheikh Zayed Grand Mosque is probably the most imposing religious and national landmark in Abu Dhabi to date. It is also one of the most important architectural treasures of contemporary UAE society. It was initiated by the late UAE President and Ruler of Abu Dhabi HH Sheikh Zayed Bin Sultan Al Nahyan and can house more than 40,000 worshippers.

The Late Sheikh Zayed bin Sultan Al-Nahyan "May God rest his Soul" founded this great landmark, featuring four minarets and eighty-two domes, representing different Islamic styles, in support of noble Islamic cultural values, and to express its genuine religious concepts and values. The mosque accommodates more than 40,000 worshippers; 10,000 in the internal areas and 30,000 in the external areas.

Schedule:

Saturday 14.09.2013 From ADNEC Gate B

Departure Time 2:30 PM Departure Time 4:00 PM Departure Time 5:30 PM

Return Time 4:00 PM Return Time 5:30 PM Return Time 7:00 PM

Masdar Institute

Masdar Institute of Science and Technology is the world's first graduate-level university dedicated to providing real-world solutions to issues of sustainability. The Institute's goal is to become a world-class research-driven graduate-level university, focusing on advanced energy and sustainable technologies.

Located in the Masdar Institute of Science and Technology is the world's first graduate-level university dedicated to providing real-world solutions to issues of sustainability. The Institute's goal is to become a world-class research-driven graduate-level university, focusing on advanced energy and sustainable technologies.

Masdar City is a modern Arabian city that, like its forerunners, is in tune with its surroundings. As such, it is a model for sustainable urban development regionally and globally, seeking to be a commercially viable development that delivers the highest quality living and working environment with the lowest possible ecological footprint. The Masdar Institute campus is an embodiment of those ideals, powered by renewable energy and supported by the cutting edge of technology, providing students with a unique opportunity to live and learn in a true "living laboratory" environmentCity in Abu Dhabi, the capital of the United Arab Emirates, Masdar Institute aims to support Abu Dhabi's economic diversification by nurturing highly-skilled human and intellectual capital and partnering with industry leaders. This will help the Emirate in its transformation to a knowledge-based economy and enhance its position as a leader in global energy.

Schedule:

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Return Time 11:30 AM
Departure Time 1:30 PM Return Time 4:00 PM

Marina Mall

Marina Mall, one of the most distinctive landmarks of the capital opened in 2001. Geographically located in one of the city's most prominent areas, the Marina Mall comprises of 122,000 square meter of retail space featuring a unique choice of fashion, leisure and entertainment. Marina Mall houses more than 400 retail offerings and services including fashion, electronics, lifestyle, home furnishing shops, car showroom, specialty shops, banks and financial services and hypermarket. It also features new upscale cafes and restaurants and a revolving restaurant on top of a dedicated over 30 stories observation tower. The entertainment and leisure offerings include a bowling alley, a 9-screen multiplex cinema, fun city a kid's entertaining area and ice rink.

Schedule:

Friday 13.09.2013 From ADNEC Gate B

Departure Time 1:30 PM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

From IBIS/Novotel Abu Dhabi Gate

Departure Time 12:00 PM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

Saturday 14.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

Abu Dhabi Mall

With over 200 shops and an average of 40,000 visitors a day, this is more than just a shopping destination. With plenty of restaurants and coffee shops, a children's play area and a Cineplex, look out for big name outlets like Paris Gallery (perfumes, cosmetics, sunglasses, handbags and jewellery), Jashanmal, Grand Stores (department stores), Carolina Herrera, Zara and H&M (fashion and style) or Marina Furniture and The One (home interior and furniture).

Schedule:

Friday 13.09.2013 From ADNEC Gate B

Departure Time 1:30 PM

Return Time 7:00 PM (Shuttle Bus Every 30 Min)

From IBIS/Novotel Abu Dhabi Gate

Departure Time 12:00 PM Return Time 7:00 PM (Shuttle Bus Every 60 Min)

Saturday 14.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)





Empowering the Nation

For generation to come

Giving top priority to education and realizing that the future of any successful company relies on the value it places on the development of its human resources, ADNOC & its Group of Companies established a number of academic institutions that train and develop a qualified UAE cadre for the energy sector

The Petroleum Institute, the ADNOC Technical Institute, the Glenelg School of Abu Dhabi, the Achievers' Oasis and other scholarship programs are but a few examples of ADNOC's & its Group of Companies educational projects.

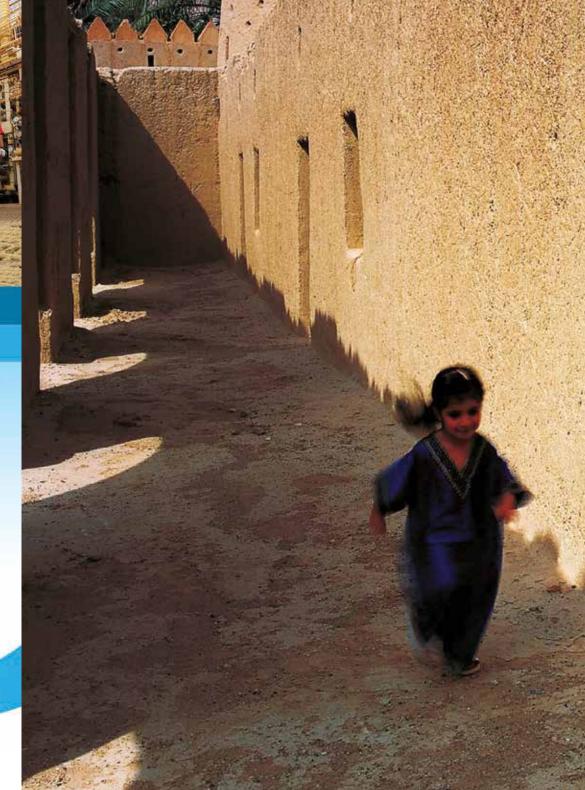
ADNOC has I5 subsidiary companies working in the various fields of the oil, gas, and petrochemical industry as well as crude oil and gas transport and services. They include ADCO, ADMA-OPCO, GASCO, ADGAS, ZADCO, TAKREER, NDC, ESNAAD, IRSHAD, FERTIL, BOROUGE, ADNATCO & NGSCO, ADNOC Distribution, Elixier and Al Hosn Gas.

Abu Dhabi National Oil Company- ADNOC



أدنــوك ADNOC كة بتزول ابوظبيد الوطنية

www.adnoc.ae



Central Souq & Gold Souq

One of the oldest sites in Abu Dhabi, it is where our city began. All our commerce emanates from this historic site, and we are proud to bring a renewed focus to an iconic business and cultural location.

Schedule:

Friday 13.09.2013 From ADNEC Gate B

Departure Time 1:30 PM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

14.09.2013

From ADNEC Gate B

Departure Time 8:30 AM Return Time 7:00 PM

(Shuttle Bus Every 30 Min)

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8:30 AM Ret

Return Time 7:00 PM (Shuttle Bus Every 30 Min)

Ferrari World

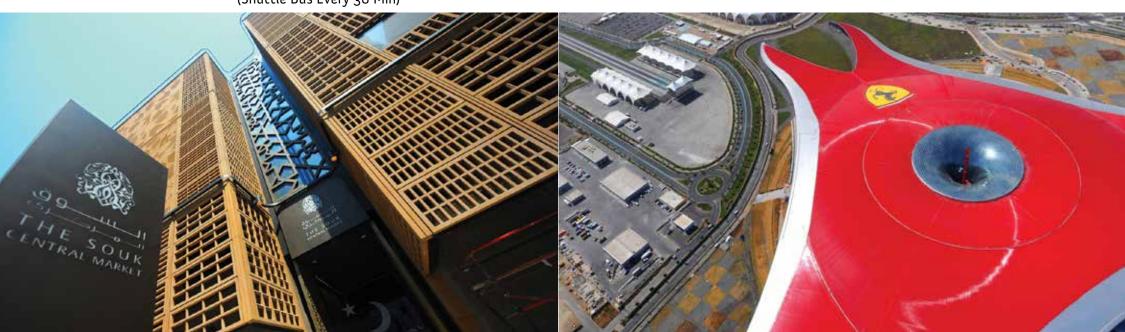
Ferrari World is the world's first Ferrari theme park and largest attraction of its kind. Ferrari World Abu Dhabi hosts over 20 state-of-the-art attractions, including rides for children of all ages, providing the complete Ferrari experience.

It offers a truly amazing experience for every family member with thrilling rides, exciting attractions, themed stores and restaurants, all inspired by the rich Ferrari brand and its Italian heritage. The park boasts more than 20 unique rides and attractions for visitors of all ages and interests – from speed thrill rides to the truly advanced simulators and family-friendly attractions – in addition to a wide variety of Italian restaurants, unique shopping experiences and dedicated entertainment.

Schedule:

Wednesday 18.09.2013 From ADNEC Gate B

Departure Time 3:00 PM Return Time 8:00 PM Lunch Box collection point at Il Podio Restaurant (4)



<u>Ferrar</u>i WORLD Abu Dhabi

ATTRACTIONS

A Formula Rossa

Accelerate up to 240km/h in less than five seconds in a true FI™ experience aboard the world's fastest roller coaster.

B G-Force

Feel the rocket-force Gs that go with an FI 1th car as you're launched 62m into the sky.

C Fiorano GT Challenge

Jump into a Ferrari F430 Spider as two competing GT coasters race to the finish line.

D Scuderia Challenge

Experience the ultimate state-of-the-art racing simulators on a variety of Ferraris solo or with a group. Timed ticket required. Additional charge for the advanced simulators.

E Speed of Magic III

Follow the adventures of a young boy through 4-D fantasy dreamscapes where no Ferrari has gone before, in pursuit of 'Nello'.

€ Bell'Italia 🖾

Enjoy a refreshing change of speed as you explore a miniature Italy in a small-scale 1958 Ferrari 250 California.

Spin yourself silly inside a giant tyre as it whirls its way around an oversized turntable in this classic family attraction that provides miles of smiles.

H Junior GT

Driving school for aspiring Gran Tourismo Pilotas who can enjoy their first Ferrari, a scaled down 430 GT Spider.

(I) Junior GP

Racing school for aspiring FITM Pilotas, driving behind the wheel of a scaled-down Ferrari FI TM racer.

Junior Training Camp

Play in the waterless carwash, become a custom 'constructor', climb the grandstand, pilot remote control cars, peddle your own Ferrari and play with an El The car.

K Made in Maranello

Cross the gates in Maranello and into a tour of the historic Ferrari factory to see how a Ferrari is born

€ Fast Lane: The Interactive Game Show □

Test your Ferrari knowledge in this fast-paced interactive game show where players will take away prizes and one player will be crowned the Fast Lane Champion!

It's race day, and you have the exclusive Paddock passes to go behind the scenes of a Grand Prix and explore the garage where you can find real

N Cinema Maranello

Step back into the 1920s to experience the glamour and brute strength of the old Italian road race in 'Coppa di Sicilia', a film produced exclusively for Cinema Maranello

O Driving with the Champion

Live the dream of sitting shotgun with a racing champion in this

P Galleria Ferrari

Get up close and personal with the ultimate audio-visual display of Ferrari cars, hailing from Maranello and top collectors from around the world.

Q The Racing Legends

Witness Ferrari's legendary racing moments in the period of Lauda, Scheckter, Villeneuve and the Schumacher era.

Journey into the heart of a 12-cylinder Ferrari 599 engine In this exciting flume ride

S Red: A Theatrical Spectacular of Speed and Passion Get swept away in the artistry of live theatre performance inspired by the passion of Enzo Ferrari and his love of speed, style and everything Italian.

T Viaggio in Italia

Settle into your Ferrari seat and catch the spirit of the classic Italian road rally as you soar over the beautiful Italian landscape.

U Motor Midway Games 5

Pull in for a stop at a vintage I 950s GT pit lane to try your luck at classic games of skill and chance with an automotive twist.



SOUVENIRS & SHOPPING

Ferrari Past & Present This store celebrates the timeless spirit of the race featuring collectibles and rare racing memorabilia.

8 Ferrari Store

Our largest restaurant, where guests can enjoy a mix of Indian, Arabic,

European and American classics in a free flow environment.

Authentic Italian café where guests indulge in classic Italian coffee,

Concession stands where guest can grab a beverage, popcorn, cotton

S Espresso Rosso

Pit Stop

pastries, cakes and gelato.

candy and a range of snacks.

On your way out take your time to find the perfect luxurious souvenirs and fashion to commemorate your favorite Ferrari adventures of the day.

Main Photo Booth

10 California Photo Opportunity

SERVICES Prayer Room

Information

MTA I

First Aid

Smoking Area

Wheelchairs **Elevator**

Baby Changing Rooms

Restrooms

Car Park

E Valet Coach

Taxi - Pickup/Drop Off Stroller Rentals

Height Restrictions

Ride Photography

LEGEND

Scheduled Times

Additional Charge

Petroleum Institute

The Petroleum Institute University and Research Center (PI) was established in Abu Dhabi, capital of the United Arab Emirates in 2001 with a goal of becoming a world-class institution in both engineering education and energy industry research. The Petroleum Institute provide high quality engineering and science professionals through a continued commitment to excellence in its undergraduate and graduate academic programs alongside fundamental and applied research serving the Oil, Gas and Energy sectors' need for talent, solutions and advanced technical innovations that contribute to the UAE society and economy.

The modern research university has a dual mission: to educate its students, and to discover new knowledge through scholarship. These two missions enhance and inform one another: students at a research university in many instances are taught by the discoverers of the information. Explore the various research centers and facilities.

Schedule:

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 10:00 AM

Return Time 1:30 PM

National Center for Documentation and Research

The National Center for Documentation & Research in Abu Dhabi is a pioneer among documentation institutions, acquainting the public with the history, people, land and heritage of the United Arab Emirates and the Arabian Peninsula. The Center has undertaken the responsibility of performing its fundamental obligations in researching and analyzing the sources of the nation's history. The National Center for Documentation & Research has thus acquired copies of documents from international archives pertaining specifically to the UAE and the Arabian Gulf. These Archives contain a wealth of historical materials that shed light on many



aspects of life in the area dating back to the 16th century. The NCDR's comprehensive exhibition of photographs, maps, treaties, and other items tracing the history of what is today the United Arab Emirates from its earliest days is open to be shared during official visits.

Schedule:

Thursday 19.09.2013 From ADNEC Gate B

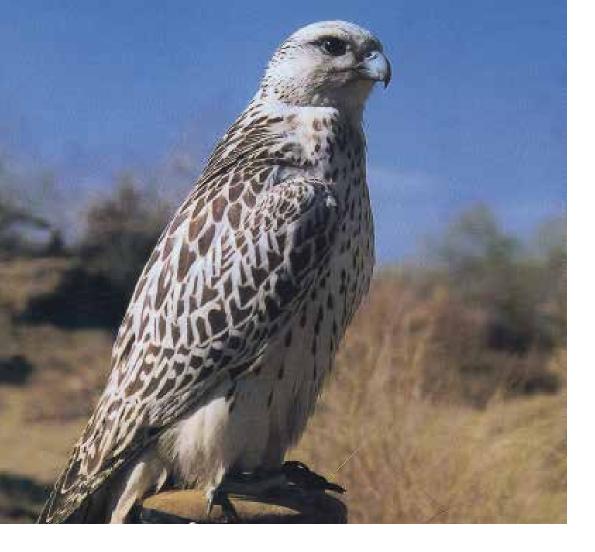
Departure Time 9:30 AM

Return Time 12:00 PM

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Empowering our future



Falcon Hospital

The Abu Dhabi Falcon Hospital (ADFH) is the first public institution in the United Arab Emirates providing comprehensive veterinary health care services exclusively for falcons. Established by Environment Agency – Abu Dhabi and opened on 3rd of October, 1999, Abu Dhabi Falcon Hospital has become the largest falcon hospital in the UAE and in the world with a patient influx of more than 55,000 patients in the first thirteen years of existence

Schedule:

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8:00 AM

Return Time 10:30 AM

The Khalifa University Intel Discovery Center

Launched on July 4th 2010, the Khalifa University Discovery Center offers educators, students, and technology buffs a rare, "behind-the-scenes" glimpse into Intel's world of high technology.

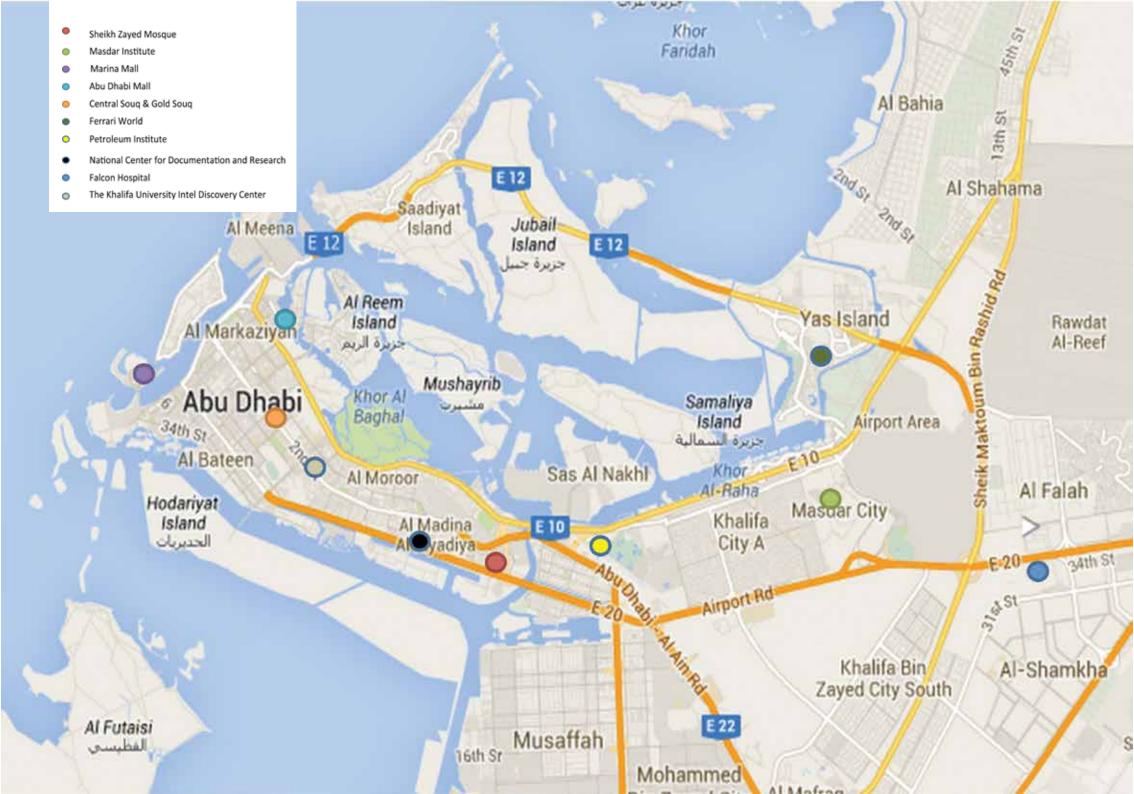
Immerse yourself into a world of micro-miniature computer chips, be showered in Binary rain, crack a Binary code and understand what happens when millions of electronic components are packed into quarterinch squares of silicon and time is measured in billionths of seconds. The Khalifa University Intel Discovery Center is Abu Dhabi's first hands on interactive science exhibit designed to bring the science of semiconductors and microchips alive.

Schedule:

Thursday 19.09.2013 From ADNEC Gate B

Departure Time 8	3:30	AM	Return Time 1	.o:oo AM
Departure Time 9	1:30	AM	Return Time 1	.1:00 AM
Departure Time 1	0:30	AM	Return Time 1	.2:00 PM
Departure Time	1:30	PM	Return Time	3:00 PM
Departure Time	2:30	PM	Return Time	4:00 PM
Departure Time	3:30	PM	Return Time	5:00 PM
Departure Time	4:30	PM	Return Time	6:00 PM

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HOSPITALITY

Arabian hospitality is the stuff of legends. In Abu Dhabi, it's a lifestyle.

Here the warmth of welcome and generosity that emerged from encountering travelers in the desert generations ago is very much a part of life today - from the traditional serving of Arabic coffee to an absolute dedication to the highest standards of modern service.



Premier INN

Situated next to Abu Dhabi National Exhibition Centre. Premier Inn Abu Dhabi Capital Centre offers air-conditioned rooms with free Wi-Fi. It has a 24-hour front desk and a rooftop pool with sun-loungers. A flat-screen TV and tea and coffee making facilities are in Capital Centre's rooms. Each modern room comes with carpeted floors and a colorful design. Toiletries and a hairdryer are in the bathrooms. A buffet-style breakfast is served daily at Premier Inn Abu Dhabi Capital Centre. Light snacks and drinks are available during the day, while a contemporary à la carte menu is offered in the evening. Premier Inn Abu Dhabi Capital Centre has a hot tub. Guests can also enjoy a healthy work out at the gym.

Address:

Opposite Abu Dhabi National Exhibition Centre, next to International Tower - Al Karamah St - Abu Dhabi Phone: +971 2 813 1999

IBIS Hotel

Ibis Abu Dhabi Gate: great value meets great views; modern, inviting and fun. This vibrant hotel offers truly affordable comfort rooms and great amenities at the entrance of the city. 252 rooms and 42 one bedroom apartments, WIFI and indoor parking closeto the Abu Dhabi Airport, Exhibition Centre, Sports City and Musaffah area makes this a popular hotel choice for business or leisure. Guests also have access to restaurants, bars, pool, gym, spa and conference facilities at the attached Novotel Hotel.

Address: Gate City, Bain Al Jessrain,

Phone: +971 2 5090999

Aloft Hotel

Aloft Abu Dhabi Hotel is a modern, fresh and fun destination. With our savvy design and free-flowing energy, you can celebrate your style in the unique openness of no-walls, no-limits space. Now it's easier than ever to stay in shape on the road; recharge puts the pep back in your step.

Address: Abu Dhabi National Exhibitions Company (ADNEC) - 30th St -Abu Dhabi, Phone: +971 2 654 5000



Centro Capital Hotel

Centro is a modern, stylish and affordable lifestyle business hotel. Developed by one of the most successful and applauded hotel groups in the region, Centro is a contemporary concept that is young and fresh in its approach, original in its presentation, and dynamic in its offerings. It is designed for a new generation of travelling executives who demand both finesse and functionality at reasonable rates

Address:

Opposite Abu Dhabi National Exhibition Centre, next to International Tower - Al Karamah St - Abu Dhabi , Phone: +971 2 409 6666

Novotel

The 4 star Novotel Abu Dhabi gate is featuring 160 spacious rooms as well as 64 one bedroom apartments, conferencing facilities, WIFI and indoor parking close to Abu Dhabi Airport, Exhibition Centre, Sports City and Musaffah area including great views over the city. The 3 restaurants, coffee shop, pool bar and Shisha lounge together with the pool, gym, spa and aerobic/dance room makes this a popular hotel choice for business or leisure, with the beautiful SZ Grand Mosque right at your doorstep.

Address: Gate City Bain Al Jessrain, Tel +971 2 5089999

Centro Al Manhal

Centro is a modern, stylish and affordable lifestyle business hotel. Centro is a contemporary concept that is young and fresh in its approach, original in its presentation, and dynamic in its offerings. It is designed for a new generation of travelling executives who demand both finesse and functionality at reasonable rates. Created for purpose - from the ground up - Centro signals the launch of a new genre of executive hospitality. With chic looks and slick delivery underlying its service offering.

Address: Street no. 2, Airport Road, Phone: +971 2 8115000

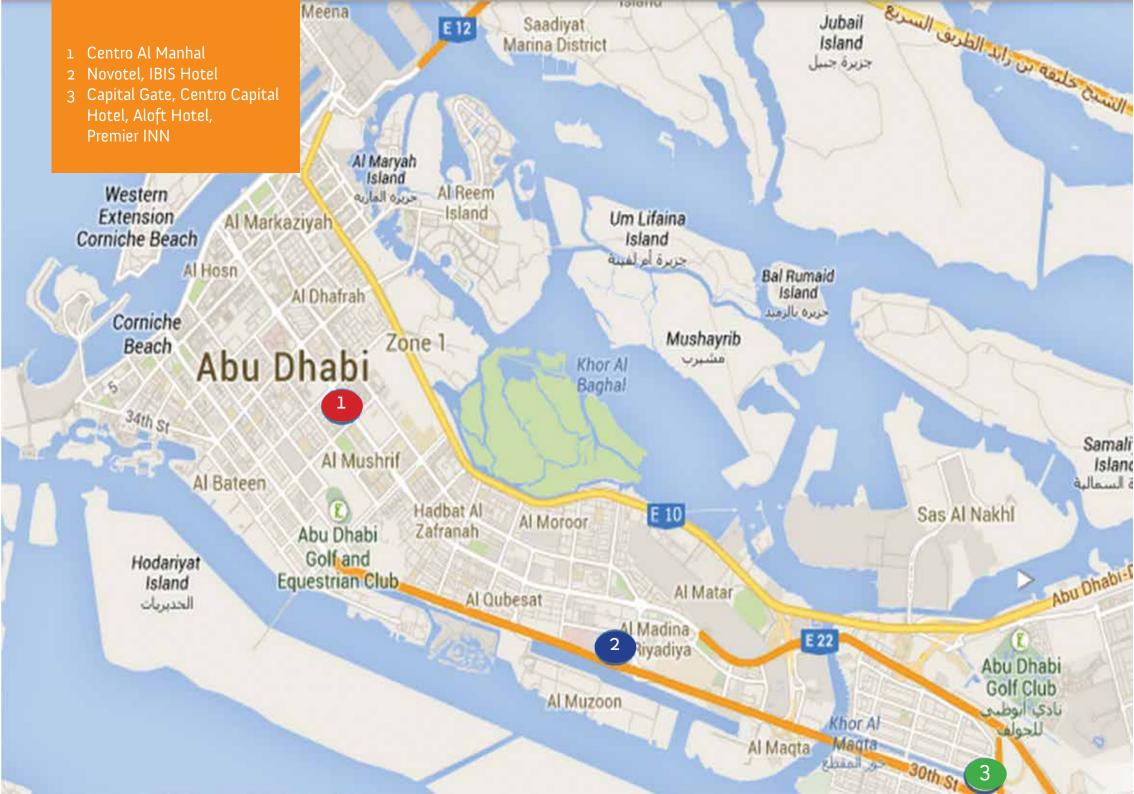
Capital Gate

Hyatt Capital Gate Abu Dhabi is a premium business hotel located in the iconic Capital Gate building, which leans a record-breaking 18 degrees. The hotel is also a part of the Abu Dhabi National Exhibition Centre (ADNEC), the largest conference and exhibition venue in the Middle East

Address: Abu Dhabi National Exhibitions Company (ADNEC) - 30th St -

Abu Dhabi, Phone: +971 2 596 1234





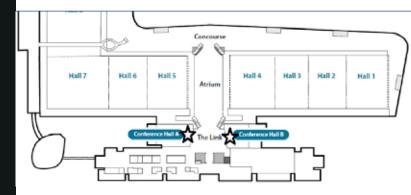
CATERING

Please show your ID Badge to access the Catering Area.

As a Participant of the ESI2013 you will have access to the international buffet as per the following schedule:



Where: Conference Hall A & B



LUNCH:

from 13th to 19th September, from 12:00 PM to 2:30 PM Note 2 On 18th September the lunch will take place during the Closing Ceremony in Hall 5.

DINNER:

from 13th to 18th September, from 7:00 PM to 9:00 PM Note 1 On 18th September the dinner will be offered during the trip at Ferrari World.

Note 2 On 17th September the dinner will take place during the Cultural Evening in Hall 5 and 6.





النقل الجامعي.. دعم وتطوير للتعليم العالى

تقدم مواصلات الإمارات، خدمات النقل لطلبة الجامعات والمعاهد والكليات ومؤسسات التعليم العالي الحكومية والخاصة، في أبوظبي والعين والمنطقة الغربية وإمارة دبي والشارقة وعجمان والمنطقة الوسطى. وتقدم الخدمة «وحدة المواصلات المواصلات الجامعية» التابعة لمراكز النقل والتأجير بمواصلات الإمارات.

وتحظى هذه الخدمات التي انطلقت منذ 2009م بثقة عدد كبير من طلبة مؤسسات التعليم العالي، ولا سيما الطالبات في رحلاتهن ما بين المدن، تقديراً لما تتمتع به هذه الخدمات من مواصفات ومعايير راقية تتناسب واحتياجات الطلبة.









ONE SCHOOL ONE COUNTRY &

When: 15th September 2013 from 10:00 AM to 12:00 PM
Shuttles meeting point: 09:30 AM pick-up from ADNEC - Gate B

One School, One Country, is a component of the Expo-Sciences International 2013 Education Experience. It is an opportunity for Secondary Schools, within Abu Dhabi, to enable students to welcome and host the delegations participating in the Expo-Sciences International.

The objectives of the initiative are:

- to provide Emirati students with the opportunity to welcome and host their peers visiting UAE from all over the world;
- to encourage secondary school students to learn about the cultures, skills and values of other countries/regions;
- to motivate and encourage secondary schools teaching staff and management to proactively engage their students in One School, One Country prior to visiting Expo-Sciences International 2013.

School Visits

Country	School
Mexico	Abu Dhabi Polytechnic
China	Secondary Technical School Abu Dhabi — Boys Campus
Kuwait	Applied Technology High School Abu Dhabi – Boys Campus
Russia	Applied Technology High School Abu Dhabi – Girls Campus
Brazil	Secondary Technical School Abu Dhabi – Girls Campus

Program

- Teams arrive at host school and are formally welcomed by the Principal and Head Teacher in a special assembly.
- Hosting students welcome the Participants and present their research 10:20 to the hosted country
- International Participants introduce themselves, the culture of their 10:40 country a traditional dance, song and/or verse.
- The Head Teacher hosts an 'International Exchange Question Time' in which Emirati students can direct questions to their guests which cover a range of topics and subjects.
- International Participants and school take pictures, farewell and 12:00 depart.





Did you know....

- Nuclear energy is one of the cleanest energy sources available today - operating nuclear energy plants generate large volumes of electricity 24 hours a day, 365 days a year and produce almost zero carbon emissions
- Radiation is the term used for energy in motion. There are many natural sources of radiation that we live with safely every day, such as cosmic radiation from the sun. Uranium, one of many naturally radioactive elements, comes from rocks. The radiation from the nuclear energy industry contributes to less than 1 percent of the radiation we receive from other sources.
- Nuclear reactors are state-of-the-art facilities, designed and built to contain radiation. They are a safe workplace for hundreds of staff. If you stood at the site boundary for a whole year, you would receive less than:
 - i. a quarter of the radiation you would receive from a chest x-ray
 - ii. a third of the radiation you would receive on a flight from Paris to New York

Join our "Understanding Radiation" Workshop Presented by ENEC's Emirati engineers and ambassadors of our

Energy Pioneers program, which aims to attract and train the country's top talent in science and engineering 11:00 am & 4:00 pm every day

www.enec.gov.ae

مؤسسة الإمارات للطاقة النووية **Emirates Nuclear Energy Corporation**



ABU DHABI VISITORS GUIDE

Weather

This is a destination with almost year round sunshine, little rainfall and near perfect winter temperatures. Abu Dhabi has a sub-tropical, arid climate. Sunny blue skies and high temperatures can be expected most of the year. Rainfall is sporadic, falling mainly in winter (November to March) and averaging 12 cms per year in most of the emirate. Rain is more common in the (Oasis City) of Al Ain, the emirate)s second largest city, due to its proximity to the Hajar mountains.

Temperatures range from a low of around 13C (50F) on a winters night, to a high of around 42C (118F) on a summer>s day.

	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	13 Sep	14 Sep	15 Sep	16 Sep	17 Sep	18 Sep	19 Sep
Weather:							
Description:	Morning clouds. Extremely hot.	Mostly sunny. Extremely hot.	Mostly sunny. Extremely hot.	Sunny. Extremely hot.	Sunny. Extremely hot.	Sunny. Extremely hot.	Sunny. Extremely hot.
High temperature:	38 °C	38 °C	38 °C	39 °C	39 °C	45 °C	46 °C
Low temperature:	33 °C	31 °C	29 °C	31 °C	30 °C	31 °C	34 °C
Comfort Level:	41 °C	41 °C	40 °C	39 °C	38 °C	42 °C	43 °C
Wind Speed:	14 km/h	19 km/h	20 km/h	19 km/h	20 km/h	6 km/h	6 km/h
Wind Direction:	1	~	~	←	_	1	سيا
Humidity:	41%	44%	41%	32%	31%	10%	10%
UV Index:	7 (High)	7 (High)	7 (High)	7 (High)	7 (High)	7 (High)	7 (High)
Chance of Rain:	0%	0%	0%	0%	0%	0%	0%
Amount Rain:	-	-	-	-	-	-	-
Sunrise:	06:08	06:08	06:09	06:09	06:09	06:10	06:10
Sunset:	18:28	18:27	18:26	18:25	18:24	18:23	18:22

What To Wear

Lightweight summer clothing is suitable for most of the year, but something slightly warmer may be needed for the winter months. Be sure to take some sort of jacket or sweater when visiting hotels or the cinema, as the air conditioning can be fierce.

Although the attitude towards dress is fairly liberal throughout the Emirates, a healthy amount of respect for local customs doesnot go amiss, especially when shopping or sightseeing. Short or tight clothing may be worn, but it will attract attention - most of it unwelcome. Malls, health clubs and resort facilities are generally more accepting of what>s fashionable, but when visiting government offices it is best to cover your shoulders and legs.

In the evenings, restaurants and clubs usually have a mixt of western, Arabic and Asian styles. Again, ladies are advised to take a pashmina or jacket because of cold air conditioning.



Population

Abu Dhabi is the largest and most populated of the seven emirates that make up the United Arab Emirates, with over 80% of its landmass. The emirates population, now over 1.6 million, is expected to reach 3 million by 2030. Across the UAE, Emirati citizens make up nearly 20% of the total population; the other 80% are expatriates from Asia, Africa, Australia, Europe and North America.

Local time

The UAE is four hours ahead of UTC (Co-ordinated Universal Time formerly known as GMT) and there is no daylight saving. Hence, when it is 12.00 midday in Abu Dhabi, it is 3am in New York, 8am in London, 10 am in Johannesburg, 1.30pm in New Delhi, and 6pm in Sydney (not allowing for any summer time saving in those countries).



Local Culture

The combination of international influences and a strong commitment to local heritage has created an intriguing mix of new and old.

Abu Dhabi>s culture is firmly rooted in Arabia>s Islamic traditions. Islam is more than a religion; it is a way of life that governs everyday events from what to wear to what to eat and drink. The UAE's culture and heritage is inextricably linked to its religion, and it is a shining example of Islam's true commitment to tolerance and hospitality. Foreigners are free to practice their own religion and the dress code is liberal. Women are able to drive and walk around unescorted. Among the most highly prized virtues are courtesy and hospitality, and visitors are sure to be charmed by the genuine friendliness of the people. Despite the speed of economic development over the last 30 years, Abu Dhabi continues to promote traditional cultural and sporting events, such as falconry, camel racing and traditional dhow sailing.

National Dress

UAE nationals usually wear traditional dress in public. For men, this is the kandura - a white full length shirt-like garment, which is worn with a white or red checkered headdress, known as a ghutra. This is secured with a black cord (agal).

Sheikhs and important businessmen may also wear a thin, gold-trimmed robe (bisht) over their kandura at important events. In public, women wear a long, loose black robe (abaya) that covers their normal clothes - plus a headscarf (sheyla). The abaya is often of very sheer, flowing fabric with intricate embroidery and beadwork along the wrists and hemline. Sheylas are also becoming more elaborate and a statement of individuality, particularly among the young. Headwear varies with some women wearing a thin black veil covering their face and others, generally older women, wearing a leather veil (burka), which covers the nose, brow, cheekbones and lips.

DRESS CODE

Abu Dhabi is a modern metropolis where designer fashion brands are plenty in the shops and malls, but the occasions where they are worn needs to be appropriate.

Abu Dhabi has a dress code based on respect for the culture and religion of the UAE. It is not hard to follow and will make your visit/ stay here a more pleasant one and will help you avoid causing any of the many nationalities here any offence. Short, revealing or tight clothing is considered disrespectful. Residents and visitors are advised to respect the Emirati culture and customs by not wearing excessively revealing clothing in public places. It is disrespectful for men and women to uncover shoulders and knees when in public. Tight or revealing tops and short skirts or dresses are not advised. Beachwear is acceptable at beach clubs, hotels and public beaches but swimmers should avoid excessively revealing swimming suits. On the beach, a normal bathing suit or bikini is fine, but avoids thong bikini bottoms or topless sunbathing as this is considered indecent.

Here's an explanation of what to and what not to do...

- 1. Public places the dress code applies to includes malls, markets, cinemas, on the street, on the road in your car, super markets, public areas of hotels etc.
- 2. You can wear what you want in your home.
- 3. Round pools or at the beach bikinis or swimsuits must be worn-topless bathing is not allowed and its best not to wear thong type bottoms.
- 4. A common problem seems to be when people come from the beach or pool and go to a shop or mall still wearing swimwear e.g. a bikini top with shorts, a bikini with a short or see through cover up over, a wet swimsuit under clothing that then makes the clothing see through, a see through

- sarong worn over a swimsuit or bikini. This is not acceptable- so make sure you get fully redressed after being by the pool or sea.
- 5. Underwear should be covered at all times- no briefs, g- strings, bras etc on show or viewable through fabric.

Rules For Men

- 1. Bare chests are not allowed in public
- Shorts should be to the knee
- 3. Swimwear should not be worn away from a pool or beach e.g. don>t walk down the street in your trunks



Photography

While normal tourist photography is acceptable, it is polite to ask permission before taking photos of people, particularly women. Photographs of government buildings, military installations and ports and airports should not be taken. Also, cameras may be banned in public areas designated for women and children only.

Currency

The local currency is the UAE dirham (AED or Dhs) which is divided into 100 fils and is pegged against the US \$ (US\$ 1: AED 3.6725).

Credit and debit cards are widely accepted. Foreign currencies and travellers, cheques can be exchanged in licenced exchange offices, banks and hotels, a passport is required. Personal cheques can be a bit trickier and many places won't accept them. If you're shopping in the souks (markets) or in smaller shops, cash is the best option.

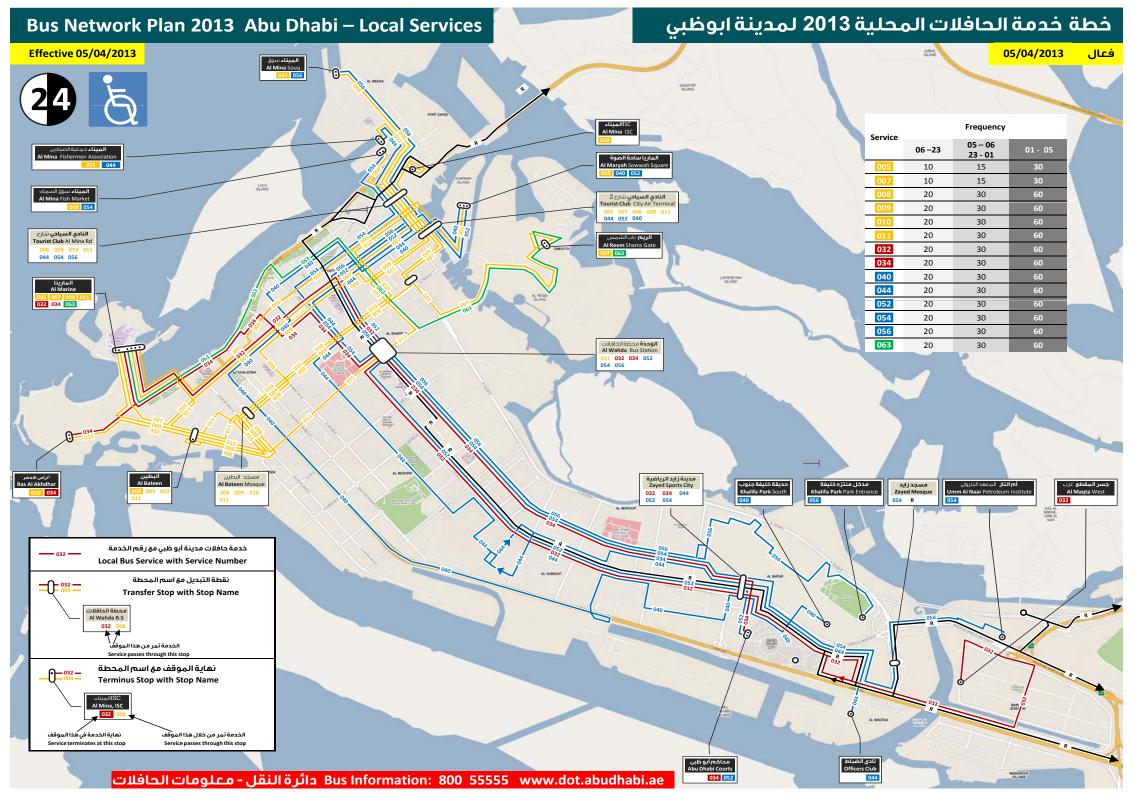
For more information please visit www.visitabudhabi.ae

TRANSPORTATION

ESI2013 Participants are entitled to free transportation through the local network of public transport offered by the Abu Dhabi Department of Transport. Simply show your ESI2013 Badge to access the buses.

Check out the map of bus routes within Abu Dhabi to reach your destination.





PROJECT SHOWCASE QUICK GUIDE

Schedule:

Stand construction and set-up

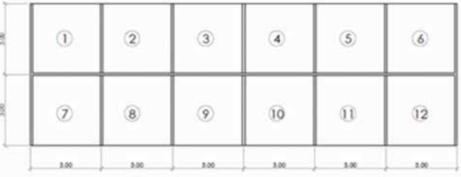
When: Start: 12th Sep, 08:00 2013 AM End: 14th Sep, 20:00 2013

Stand Dismantling (Breakdown)

When: Start 17th Sep. 20:00 2013 End 19th Sep. 16:00 2013

Stand Layout:





Stand Installation:

All Participants shall contact the exhibition management team upon arriving to ADNEC for the buildup. The management team will assign the exhibitors their own allocated space.

On Site exhibition management is provided through the below team members:

Name	Contact
Fahar Al Daboos	0561882034
Abdulrazzaq Alkhateeb	0561882009
Mohamed Al Ali	0561882046
Mandi Bent	0561882028

Internet

Free Wi-Fi will be available for participants during the event.

Display of Materials in the Booth

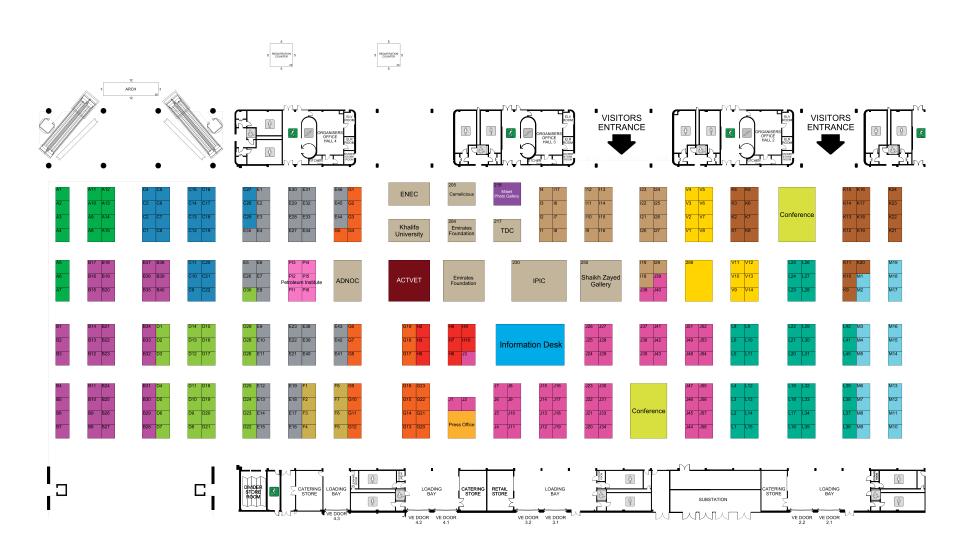
The ESI is an International Science Fair, Participants showcasing their projects are not allowed to:

Proselytize during the event. Any reference, explicit or not to religious scriptures will not be accepted.

Huge portraits of political and/or religious leaders are not allowed during the event. Exhibitors can display small representations.

%70 of the space used should be dedicated to scientific matters only.

FLOOR PLAN





العلوم السلوكية والاجتماعية **Behavioral and Social**



الطب والصحة Medicine and Health



علبوم الحباسيب الألبس Computer Science



علم الأحياء Biology



Environmental Analyses and Environmental Management



Mathematical Science



Physics & Astronomy



علم الأرض Earth Science



Engineering





Energy and Transport



Little Researcher Village



Electric and



Mechanical Technology



الكنمناء Chemistry



Technology and Biotechnology



Information Desk





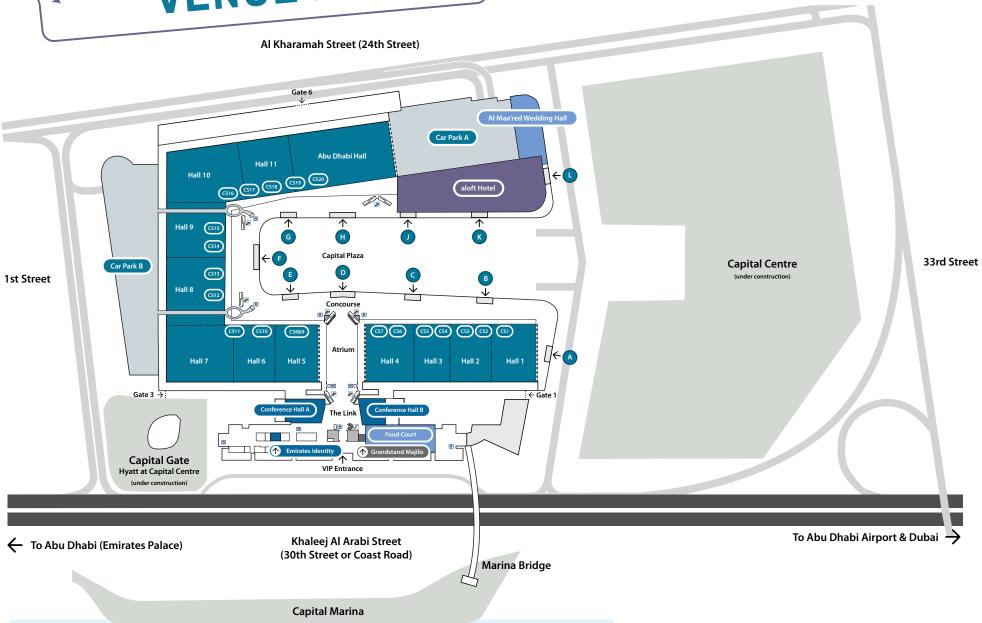


Press Room معرض صور ميلست



Milset Photo Gallery

VENUE MAP







USEFUL CONTACTS

Contact Person	Role	Contact info
Gregoire Padilla	International Coordination chair	0561882049
Laurent Onguene	International Coordination vice-chair	0563145039
Monika Lesskova	Coordination with Europe & Asia	0552518262
Enrique Marin Calderon	Coordination with North/South America & Africa	0552520246
Alvaro Filippi Riquelme	Friend of Delegation for Mexico	0569750793
Edgar Calderon Ramirez	Friend of Delegation for Brazil, Chile, Namibia, South Africa & Spain	0569750683
Jose Bermudez	Friend of Delegation for Venezuela, Paraguay, Peru, Argentina, Colombia & Guatemala	0569750687
Evgeniya Karpenko	Friend of Delegation for India, Tunisia, Canada, Turkey, Nigeria, Russia & USA	0569750843
Michal Zajacek	Friend of Delegation for Austria, Belgium, Bulgaria, Czech Republic, Denmark, France, Germany, Italy, Latvia, Luxembourg, Netherlands, Portugal, Romania, Slovakia & Switzerland	0569750684
Sunyoung Hwang	Friend of Delegation for Gambia, Kenya, South Korea, Malaysia & Thailand	0569750782
Sebastian Kopp	Friend of Delegation for Algeria, Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, China, Iran & Iraq	0569750842

ابقوا على تواصل معنا! STAY CONNECTED WITH US!



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