

Event Guide

أبوظبي
Abu Dhabi



الملتقى العلمي العالمي ٢٠١٣ EXPO-SCIENCES INTERNATIONAL 2013

15 - 17 September 2013, ADNEC

١٥ - ١٧ سبتمبر ٢٠١٣، مركز أبوظبي الوطني للمعارض



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سمو الشيخ منصور بن زايد آل نهيان

نائب رئيس مجلس الوزراء وزير شؤون الرئاسة

H.H. Sheikh Mansour Bin Zayed Al Nahyan

Deputy Prime Minister and Minister of Presidential Affairs of the UAE



Full Immersion in the Scientific World!



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TVET Leads to
New Future & New
Career Opportunities

ACTVET

Abu Dhabi Centre for
Technical and Vocational
Education and Training

مركز أبوظبي
للتعليم والتدريب
التقني والمهني

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Education and Training

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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

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 four-fold 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

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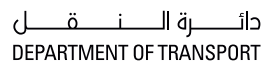
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انضم إلى أروع ملتقى للعلوم في دولة الإمارات العربية المتحدة
JOIN THE COOLEST EVENT ABOUT SCIENCE!



©Daniel Pearn-Rowe, United Kingdom - MILSET Science Photo Contest 2011

When: from 15th to 17th September 2013
17th September Ladies Only

Where: Abu Dhabi National Exhibition Centre
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



الآن ومن كل مكان

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SPREAD NEW IDEAS!

ESI2013 promotes intercultural exchange and sharing of scientific knowledge



©Sudiarta I Putu, Indonesia - MILSET Science Photo Contest 2011

The Expo-Sciences International is a unique opportunity for budding talents to get to know each other and share scientific innovation thus to open their minds in research, creativity and initiative with the perspective of building their personal fulfillment and to realize their ambitions.

What is the Expo-Sciences International?

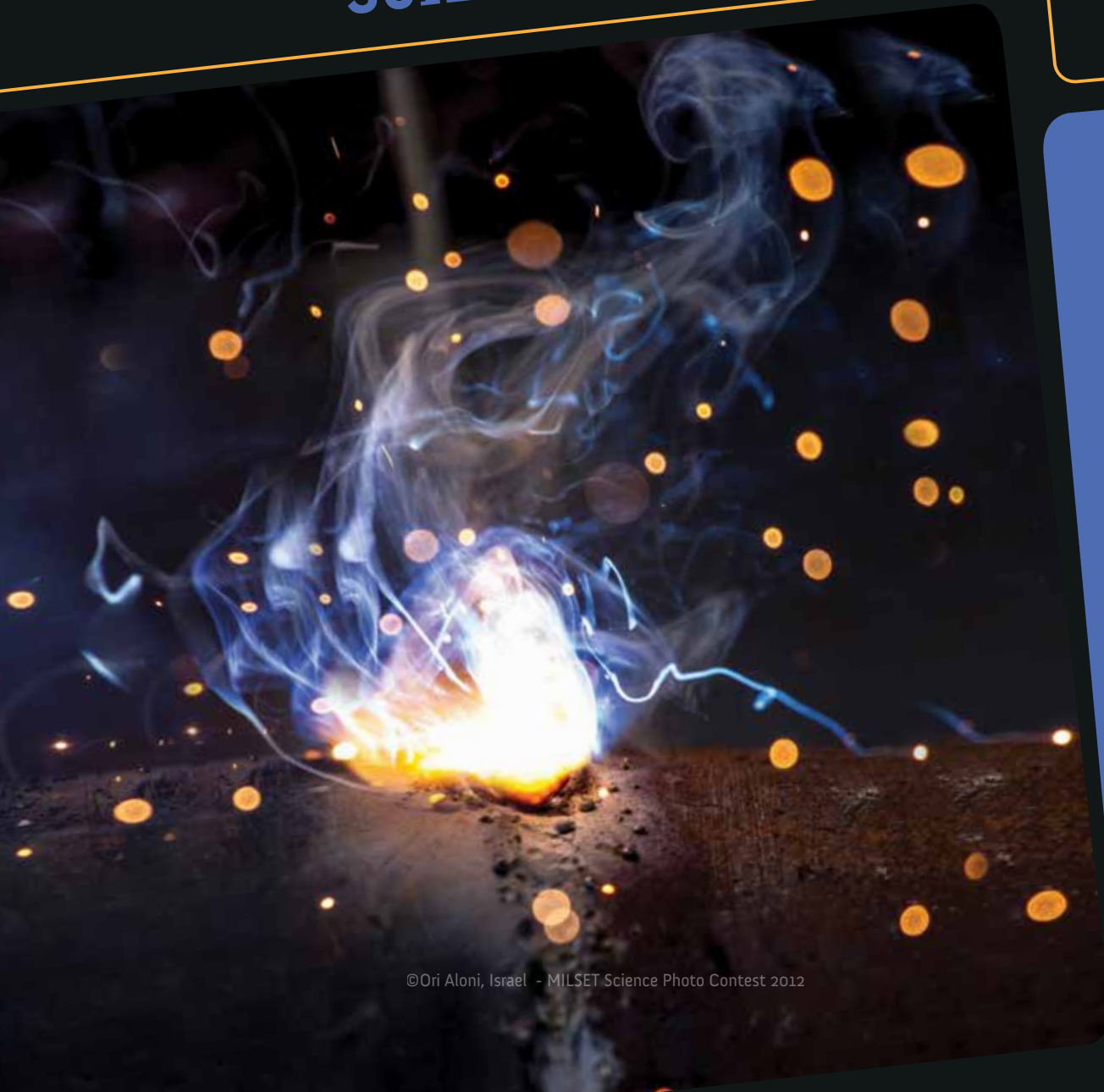
The Expo-Sciences International is a non-competitive event that aims to promote scientific knowledge in a multi-cultural environment through an exhibition of projects created by children and young people from all over the world.

Held every two years in one of the countries affiliated to the international organization MILSET, the event attracts young people, educators and scientific experts from over 60 nationalities to exchange ideas and compare scientific projects fostering networking opportunities and international collaboration.

The program of the Expo-Sciences consists of a variety of activities: cultural and scientific visits, leisure activities, exhibition of projects, workshops, animation and conferences.

SPARK A PASSION FOR SCIENCE!

The Expo-Sciences International 2013 instills in the young generation the passion for science and promotes the development of a scientific culture amongst the citizens-adults of tomorrow.



©Ori Aloni, Israel - MILSET Science Photo Contest 2012

Participating in the Expo-Sciences International is a great chance to:

- Install and animate a space to highlight youngsters', teachers' and leaders' efforts and interest in research, science and technology innovation, enhancing their motivation while contributing to their personal development.
- Establish relationships with other institutions with similar goals through the development of scientific, technical and social projects in order to exchange ideas and create actions according to the needs of today's world, for the benefit of industry, the educational sector and society at large.
- Be represented at an international level through the young peoples' projects, fostering the spreading of knowledge amongst youths.
- Promote scientific culture in an international environment that encourages the sharing of experience and good practice that contributes to the achievement of higher-standard scientific-leisure activities.

SCIENCE FROM A FRESH PERSPECTIVE

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

NORTH AMERICA

- Canada
- United States

LATIN AMERICA

- Argentina
- Brazil
- Chile
- Colombia
- Guatemala
- Mexico
- Paraguay
- Peru
- 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

العلوم من حولنا SCIENCE ALL AROUND US!



The Expo-Sciences International 2013 showcases the projects of hundreds of students in 13 Scientific Categories:



Biology

The science of life” projects; projects dealing with zoology, plant science (botany), anatomy, cytology, genetics, microbiology, and physiology belong to this category.



Behavioral and Social Sciences

Projects in this category should describe new behavioral traits of various organisms (including humans), their migration during a year or a longer period, behavioral changes during ontological development or a longer period. Authors should use appropriate statistics tools.



Chemistry

This category includes both organic and inorganic chemistry. Projects may be focused on various study fields ranging from the structure of atoms to complex organic molecules. Projects offering new efficient ways to produce substances are especially welcomed. Biochemistry projects belong to this category, as well. Chemical formulas and equations should be included.



Computer Science

This category is very broad. It includes both hardware and software. Concerning hardware authors may propose changes in structure of various computer components to enhance the total computer output. In software there may be new useful programs, CMS systems, own websites, games etc.



Earth Science

Includes studies of various processes going on in the Earth, such as earthquakes, wind patterns, continental and crust drifts etc. Authors should use formal scientific language, especially geology, physics, and mathematics expressions. Geodesy works belong to this category, as well.



Energy and Transport

Projects involved in this category should study the efficiency of classical power plants (water, nuclear, coal power plants), the usage of fossil fuels (coal, gas, oil), and other raw materials. In projects dealing with transport authors may focus on the efficiency of common transportation means, the frequency of their usage, the cause of traffic jams in particular regions etc. Authors should also attempt to focus on alternative energy sources and transportation means.



Engineering

Young engineers should apply their scientific, technical, and mathematical knowledge and experience to construct and make proposals of new mechanisms or parts of mechanisms that fulfill a desired objective. They may also propose new combinations of known mechanical parts.



Environmental Analyses and Environmental Management

Works in this category should analyze various environmental problems and impacts of human activity on nature. Authors should also try to propose new ways to eliminate or even solve these problems.



Electric and Mechanical Technology

Authors propose new components in common mechanisms to make them more efficient or they may devise brand-new mechanisms. They may also devise and implement new circuits and elements in electric devices.



Mathematical Science

In this category authors may present works and theorems of famous mathematicians with their own applications or proofs. They may also attempt to prove theorems or hypotheses that have not been proved yet.



Medicine and Health

Projects in this category should deal with human body, its anatomy, and diseases. Authors may try to test the effect of various substances or radiation on bacterial growth. They may also propose new healing methods.



Physics & Astronomy

Projects should include physical solutions to various problems, especially those that have not been solved yet. They may also support their solution with programs and simulations. In astronomy authors may present their observations of various celestial bodies (binary stars, asteroids, occultation, variable stars etc.) and they ought to use obtained data in order to draw results.



Technology and Biotechnology

In this category authors may propose new (mainly more efficient) ways of producing various substances and materials. In the biotechnological part, for instance, they should devise and develop new, innovative substances or ways that may speed up the growth of some crops or kill pests.



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 15 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, Elixir and Al Hosn Gas.

Abu Dhabi National Oil Company- ADNOC



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www.adnoc.ae



in English, with emphasis on Arabic and Islamic studies. To cater for the speedy development, the GSAD opened new campuses in Ruwais, Madinat Zayed and Gyathi with plans to open new branches in different areas in Abu Dhabi.

The Scholarship Programme

The ADNOC Scholarship Programme was established in 1974, with aim of providing assistance to academically gifted UAE nationals to achieve their educational goals. Potential secondary school graduates are offered the opportunity to follow undergraduate and postgraduate programs in engineering and applied sciences at some of the most reputable academic institutions around the world mainly in the USA, UK, Japan, France and as well as within the UAE. Today, hundreds of

students are studying under the Scholarship programme and several thousands of students have graduated through this program, many of them are managers, engineers and supervisors in ADNOC and its group companies.

Achievers Oasis Programme – AOP

The Achievers Oasis Programme (AOP) was established by ADNOC in 2002 to motivate young UAE Nationals to maintain excellent academic level by awarding financial incentives and free summer courses throughout their elementary and secondary education. The AOP encourages young nationals to join ADNOC's Petroleum Institute where they could join ADNOC «scholarship Programme» in the fields of engineering, exploration, production and management.

Education

The major challenge ahead of the oil sector is attracting and developing skilled human resources that can deal with the upcoming boom and expansion in petrochemical and other economic sectors in the UAE.

Strongly believing in investment in human resources development through the education, training and employment of UAE nationals for the realization of sustainable development, ADNOC has established a number of academic institutions and launched a wide range of training programs to train and prepare the UAE nationals to carry out their role in the development of the energy sector.

ADNOC Technical Institute (ATI)

The ADNOC Technical Institute (ATI) was established in 1978 to train young UAE technical students to meet the need of ADNOC Group from qualified manpower. The ATI plays a major role in the Emiritization of the oil sector through education and training of UAE nationals to take positions within ADNOC Group as technicians in the fields of instrumentation, mechanical and elec-

trical maintenance, and process operations. For that end, all the educational courses and training programs of the ATI has been tailor made to meet the needs of ADNOC Group from the qualified and well trained manpower.

ADNOC Petroleum Institute- (PI)

The Petroleum Institute (PI) was established in 2001 and has quickly developed to become a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI offers Bachelor of Science and Engineering, Master of Science and Master of Engineering degrees in five disciplines with plans to offer additional engineering and applied science degrees in the future.

The Glenelg School of Abu Dhabi (GSAD)

The GSAD was founded in 2008 to conduct a challenging and rigorous academic curriculum and programme for the Emirati and other nationalities. The programme of instruction is based on the successful model of American independent schools of the highest quality and is delivered

Abu Dhabi National Oil Company (ADNOC)

www.adnoc.ae



PROJECTS



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A - BEHAVIORAL & SOCIAL SCIENCES

Booth No.	Project 1	Country	Project 2	Country
A1	PALESTINIAN ANONYMOUS SOCIETY	Brazil	EVOLUTION OF POLITICAL SPEECH	Canada
A2	SCIENCE IN PRIMARY SCHOOL.	Spain	GAMES FOR DOWN SYNDROM	United Arab Emirates
A3	PROPOSED USE ADHESIVE PAPER BRIGHT	Venezuela		
A4	FRIENDS OR FOES?	Paraguay		
A5	PARALIZED = DECENT LIFE	Paraguay		
A6	REVERSE PSYCHOLOGY	Paraguay		
A7	FACEBOOK AS COMMUNICATION BRIDGE	Mexico		
A8	TELECOMMUTING REGULATION	Mexico		
A9	INPIM	Mexico	READING AID FOR THE VISUALLY IMPAIRED	South Africa
A10	APLICATIONS FOR SCIENCE DIFFUSION	Mexico		
A11	MEDIA FOR DEAF STUDENTS	Brazil		
A12	ANAPOLIS> ARTISTIC&CULTURAL SURVEY	Brazil		
A13	CAREGIVERS OF AD'S PATIENTS	Brazil	PATTERN IN FABRIC PAINTING	Russia
A14	STREETS OF MEDELLÍN: A COLOUR MILHOJA?	Colombia		
A15	IS PAUL ALIVE? ICONOGRAPHIC STUDY OF THE BEATLES COVERS.	Spain		

B - MEDICINE & HEALTH

Booth No.	Project 1	Country	Project 2	Country
B1	BIO-SCABICIDE	Romania		
B2	DEOXYGLUCOSE AND SORAFENIB EFFECT	Slovakia		
B3	A GLOVE FOR BLIND PEOPLE	Canada	INIBHITING BREAST CANCER PROGRESSION	Canada
B4	A NUTRITIVE SNACK 3CH	Mexico	CHRONIC METHAEMOGLOBIN AT SMOKERS.	Slovakia

B5	MULTIFUNCTIONAL WHEELCHAIR	Mexico		
B6	RESIDUES FROM FOOD IN REFRIGERATORS	Brazil		
B7	BIOMEDICAL TECHNOLOGY AND SPORTS INJURY	United Arab Emirates		
B8	BUILDING AN XRAY MACHINE	United Arab Emirates		
B9	WHEELCHAIR TO CLIMB STAIRS FOR DISABILITIES	Qatar	WHEN ONE AND ONE MAKE THREE!	Canada
B10	HIGH ALTITUDE: CHILDREN STUDY	Chile		
B11	COMPARATIVE STUDY OF SWEETENERS	Peru	OBESITY AFFECTING INITIAL INFERTILITY	Kuwait
B12	CYCLING FOR HEALTH AND THE PLANET	Mexico		
B13	DEAF AND MUTE PEOPLE	Saudi Arabia	BREASTFEEDING AND ORAL HEALTH	Colombia
B14	THALASSEMIA PRESENTATION	United Arab Emirates		
B15	DIETS OR FOOD AFFECTING CHILDREN'S HEALTH	Bahrain	GLUTEN-FREE DIET	Slovakia
B16	LSB SYSTEM	Mexico		
B17	IV FLUID LEVEL CONTROLLER	United Arab Emirates		
B18	ORGAN AND TISSUE DONATION	Paraguay		
B19	CONFIDENCE IN TRADITIONAL MEDICINE	Paraguay		
B20	TUMORAL THERMOVISUAL DETECTION	Mexico		
B21	MEDICAL SUPPLIES BASED IN PVC	Brazil		
B22	MULTIPURPOSE EXERCISE MACHINE	India	NATURAL CREAM FOR HANDS HYGIENE	Brazil
B23	BIODEGRADABLE NATA DE COCO	Malaysia		
B24	COMBAT MALNUTRITION AND TUBERCULOSIS	Peru	IPOMOEA AQUATICA TASTY CHIPS	Malaysia

B25	OBESITY VS DIABETES	United Arab Emirates		
B26	OUR SKIN OF EVERY DAY	Brazil		
B27	OXILIFE	United Arab Emirates		
B28	BIOACTIVE COMPOUNDS IN MICROALGAE	Brazil		
B29	PAH AND ETT IN A DOWN SYNDROME	Mexico		
B30	PREVENT TO LIVE	Mexico		
B31	SILVER NANOPARTICLES IN DENTAL PROTHESIS	Mexico		
B32	SONIDOSIS	Paraguay		
B33	SPEECH RETAINER	Kuwait	SURVEY OF SIGMATE	Oman
B34	STUDY OF LARVICIDAL ACTIVITY	Peru		
B35	DEHP MIGRATION FROM SERUM BAG	Turkey		
B36	A PHENOMENAL EFFECT	Canada		
B37	CATCH THE BIRD GAME	United Arab Emirates		
B39	EXERCISING EQUIPMENT WITH FOOT MASSAGER	Thailand	THE FOLKS METHOD AGAINST FUNGI CANDIDA	Russia
B40	VISUAL FIELD AND BINOCULAR VISION	Spain	EFFECT OF ADDITIVES ON PROCESSED FOOD	Kuwait
C – COMPUTER SCIENCE				
Booth Nb	Project 1	Country	Project 2	Country
C1	ON-DEMAND ROUTING ALGORITHM IN (MANET)	Oman	MOBILE IN BALANCE PATRICK III	Germany
C2	DATABASE-BASED APP FRAMEWORK FOR ANDROID	Latvia	BOUNDARY LAYER MANIPULATION	Switzerland
C4	ALERT FOR THE DEAF BY MOBILE	Qatar	AM1/DAM1	Tunisia



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C5	VIRTUAL LOTTERY OF THE ELEMENTS	Mexico		
C6	AUGMENTED REALITY	United Arab Emirates		
C7	CLOUD BASED ARABIC RECAPTCHA	United Arab Emirates		
C8	COUNTCLOUDE	Oman	ELECTRONIC LOCK USING RFID CARDS	Slovakia
C9	DESIGNING COMPUTER ARCHITECTURES AND OS DEV.	Paraguay		
C10	TECHNO WORDS	United Arab Emirates		
C11	FINDING AND RECOGNIZING OBJECTS IN A SCENE	Bulgaria	SMART HOUSE	United Arab Emirates
C12	FUMIBOOT	Mexico		
C13	WORKING WITH SHADER PROGRAMS	Slovakia	ON-LINE SCIENCE CENTRE	Bahrain
C14	AIR-SEA BATTLE	United Arab Emirates		
C15	ONETEXT	Mexico		
C16	LOLLY'S STUDY HALL	Bulgaria	ONLINE Q	Oman
C17	HUMAN/COMPUTER SPEECH RECOGNITION	South Africa	JAVA POLY	United Arab Emirates
C18	AH1N1 PRE-DIAGNOSTIC PLATFORM	Mexico		
C19	PREHOSPITAL REMOTE MONITORING ASSISTANCE	Mexico	QUADCOPTER APPLICATION	Kuwait
C20	REMSWITCH	Hungary	SALVA-FUNNKI	Mexico
C21	SKX SYSTEM FOR SECURE DATA TRANSMISSION	Slovakia		
C22	SMARTPARKING	Mexico		
C25	SOFTIC	Mexico		
C26	KINECT TO REMOTE CONTROL ROBOTIC STRUCTURES	Brazil		
C27	TRANSPORTATE	Mexico		

D - BIOLOGY				
Booth Nb	Project 1	Country	Project 2	Country
D1	EFFECT OF MAGNETIC WATER ON THE ORGANISMS GROWTH	Kuwait	KNOWING SPIDERS AROUND US	Bahrain
D2	DECAYING APPLES	Austria	ORGANIC AND NON-ORGANIC	Austria
D3	BEAN'S ALTERNATIVE FARMING WAY	Brazil		
D4	ALTERNATIVE HOMEMADE CHEESE	Malaysia		
D5	BACILLUS SUBTILIS AS DEFENCE AGAINST FOC	Mexico		
D6	BREEDING SHEEP BREED ŠUMAVKA	Slovakia	CRIOLLO-PUT IN CHILCUAUTLA	Mexico
D7	COCONUT KERNEL EXPPELLER	Paraguay		
D8	CYTOGENETIC EFFECTS OF TiO ₂	Turkey		
D9	EFFECT OF SUGAR, SALT AND PANADOL ON FLOWERS?	Kuwait	EFFECTS OF FOOD ON THE SIZE OF CHICKEN EGGS?	Kuwait
D10	ANTIBACTERIAL EXTRACTS FROM ONIONS PEEL	Brazil		
D11	D. MAGNA CULTURE WITH FOUR DIETS	Colombia		
D12	PROTEIN SEQUENCE ANALYSIS FOR THE SILPHIDAE	Germany		
D13	USE OF GERDEX AS PRESERVATIVE SUBSTANCE	Venezuela		
D14	FUNA OF MANGROVE (STUDYING INSECTS)	Bahrain	PLANT ENERGY	Kuwait
D15	GENE PASSED TRAITS OF BIRDS	United Arab Emirates		
D16	GLOMUS INTRARADICES	Mexico		
D17	GRAVITROPISM	Spain	MAGNETIC FIELDS EFFECT ON FRESH WATER MINNOWS	United States of America

D18	INNOVATING EARTHWORM'S FEEDING	Mexico		
D19	METHOD OF EARLY DIAGNOSIS OF FLUTD	Argentina		
D20	FISH PELLET FROM PLANT SEED	Malaysia		
D21	BIODEGRADABLE COPRA WASTE	Malaysia		
D22	POTENCY OF MEDICINAL LEAVES IN CHICKEN GROWTH	United Arab Emirates		
D23	PREY SELECTION BY THE BARN OWL (TYTO ALBA)	Spain		
D24	BIO-PROTEIN AND ENZYMES BY SSF	Mexico		
D25	LICHENIC THALLUS ANATOMY	France		
D26	PHOTOPROTECTIVE SIDEROXYLON OBSTUSIFOLIUM	Brazil		
D28	MIMICKING MOSQUITO EGGS	Mexico		
D29	EFFECT OF ACID RAIN ON THE PLANT	Kuwait	EFFECT OF CHICKEN MEAT ON THE BACTERIA GROWTH	Kuwait
D30	ARECA PALM AS TEETH WHITENER	Malaysia		
E - ENVIROMENTAL ANALYSES & ENVIRONMENTAL MANAGEMENT				
Booth Nb	Project 1	Country	Project 2	Country
E1	EDUCATIONAL GAMES FROM RECYCLABLE MATERIALS	Brazil	AUTOPSY FROM AN EXTINCTION	Canada
E2	JUST LIGHT	Kuwait	MICROALGAE ORGANIC POLLUTION INDICATORS	Colombia
E3	RE-ACTION, SUSTAINABLE PRODUCTS	Brazil	RECYCLING OF BATTERIES	Iraq
E4	NATURAL DETERGENTS MADE OF RED BEANS	South Korea		
E5	WATER - FILTERING WITH NATURAL MATERIAL	Germany		
E6	BANANA STEM AS MULTIPAPER	Malaysia		
E7	DEVELOPED BEEHIVE	Saudi Arabia	ORELLANAS : HELPING SUGAR CANE CULTURE	Colombia

E8	ECO INSULATOR	Malaysia		
E9	THE MAN'S IMPACT ON THE ECOSYSTEM	Portugal		
E10	ENERGETIC PEDAGOGIC UNITY	Tunisia	FISH SAFETY	Tunisia
E11	ECO-EFFICIENT ISLAND ABU DHABI	Slovakia	LAKE FOR ANIMALS	United Arab Emirates
E12	RECOVERY OF AREAS AFFECTED BY MINING	Venezuela	TYPE OF CONTAMINATION IN RIO UAIREN	Venezuela
E13	FIREFLY BACKPACK	Chile		
E14	FLOOD WARNING MACHINE	Thailand		
E15	FROM WASTE TO WEALTH	Malaysia	GLASS PRODUCTION USING METAL SLAG	Turkey
E16	GREEN BRICK(GB)	Malaysia		
E17	GREEN HOUSE WATER	United Arab Emirates		
E18	HYDROPONIC AND ACUAPONIC FARMING	United Arab Emirates	HOME MADE RECYCLE GRAY WATER	Bahrain
E19	EDUBOT	Mexico		
E21	LEMONGRASS AS NATURAL REPELLENT	Paraguay		
E22	LIRIO CORP	Mexico		
E23	PARTICLEBOARDS USING FOREST RESIDUES	Brazil		
E26	COLLABORATIVE PROJECT ON TECHNICAL SECONDARY SCHOOLS	Mexico		
E27	SPLUNID + PLUS	Mexico		
E28	ECO-FRIENDLY WALLS	United Arab Emirates	RAPID COOLING	Kuwait
E29	COOLING AND HEATING BASED ON SOLAR ENERGY	Mexico		
E30	RECYCLING CIGARETTE	Kuwait		
E31	TOTAL RECYCLING OF USED OIL	Brazil	WHAT HAPPEN WHEN ROLO TREADS?	Argentina
E32	RECYCLING TO GENERATE ALTERNATIVE ENERGY	Paraguay		
E33	FIBER REINFORCED MADE FROM EFB	Malaysia		



تذوق الطعم الفريد

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عالية الجودة لتستمتع بالفرق
منقورة حصريا في نخبة مختارة من المتاجر الفاخرة

E34	SAVING FOREST:MAIZE STRAW HELPS	Nigeria	NATURAL VS ARTIFICIAL FERTILIZERS	South Africa
E35	SOLAR TRACKING SYSTEM	United Arab Emirates	STORY OF DISTINGUISHING	South Korea
E38	THE GAME OF THE ROLO	Argentina		
E39	MINING IMPACT TO THURZOV LAKE	Slovakia	ELECTROSMOG AND ITS INFLUENCES	Slovakia
E40	THE LICHEN ALERT	Portugal		
E41	THE SOLVER	Belgium		
E42	URBAN SKY FARMING	Canada		
E43	THE USES OF CYMBOPOGON NARDUS	Malaysia		
E44	TRANSFORMING BURITI IN PIG FEED AND COAL	Brazil		
E45	CORN COB ASH; THE UNTAPPED GOLDMINE	Nigeria		
E46	UZING CO2 IN WASTE WATER TREATMENT	United Arab Emirates		

F – MATHEMATICAL SCIENCE

Booth Nb	Project 1	Country	Project 2	Country
F1	BREAKS OF NUMBERS AND POLYGONS	Bulgaria		
F2	DIPAMES	Mexico		
F3	SOFTWARE FOR MATHEMATICS AND GEOMETRY	Colombia		
F4	GOLDEN NUMBER	United Arab Emirates		
F5	FRACTALS, A NEW DIMENSSION IN MATH	United Arab Emirates		
F6	RINCON A3 + HM	Mexico		
F7	FIBONACCI: THE BEAUTY THAT IS HIDDEN	United Arab Emirates		
F8	HOW HOT IS HOT	Nigeria	PLAYROOM: THINK,DEVELOP AND PLAY	Argentina

G – PHYSICS & ASTRONOMY				
Booth Nb	Project 1	Country	Project 2	Country
G1	A HOLOGRAM	Algeria		
G2	ACOUSTIC MANIPULATIONS	Switzerland	STIRLING ENGINE	United Arab Emirates
G3	RH AS AN OPTICAL APPLICATION	Malaysia		
G4	ARCHEOASTRONOMY	Chile		
G5	AUGMENTED POLYESTER COMPOSITE	Malaysia		
G6	AUTOCONTROL INTELLIGENT HOVERCRAFT	United Arab Emirates	THE PRINCIPLE OF ARCHIMEDES	Kuwait
G7	AUTOCONTROL WHEEL-LESS CAR	United Arab Emirates		
G8	CALIBRATION OF A SPRING	United Arab Emirates		
G9	DWK1-TB IN A SOLID STATE ORGANIC LASER	Latvia	SPECTROSCOPY OF SUPERNOVAE	Slovakia
G10	BALANCE BOT	United Arab Emirates	BOUNDARY LAYER MANIPULATION	Taiwan
G11	SOLAR TRAFICC CITY GAMES	United Arab Emirates	CARBON FIBER IN MUSICAL INSTRUMENTS	China
G12	MAGNETIC LEVITATION CONTROLLER	United Arab Emirates		
G13	HEARING LIGHT	Austria	FLASHED HIGHSPEEDPHOTOGRAPHY	Germany
G14	MAGNETIC PAPER	Russia	MARS: WEATHER AND LIFE	Spain
G15	IN LEIDENFROST'S FOOTSTEPS	Italy	EXTERNAL ELECTROMAGNETIC FIELD EFFECTS	United States of America
G16	IONISING RADIATION ON A CHEAP CMOS	Poland		
G17	METEORITE IMPACT CRATERS IN ALGERIA	Algeria	ASTRONOMIC OBSERVATIONS OF THE SUN	Peru
G18	OPTICAL ILLUSIONS	Morocco		
G19	PARAMETER EVALUATION OF SUNSPOTS	Chile		
G20	LEONARDO DA VINCI'S AIRSCREW	Switzerland	RESISTANCE IN SWIMMING	Austria

G21	MAGNETIC FIELD ON GROWTH PLANTS	United Arab Emirates	PHOTOSYNTHESIS UNDER DIFFERENT SPE TRA	Russia
G22	SCIENCE WITH BALLOONS. TEACHING METHODS FOR CHILDREN.	Spain		
G23	SOUTHERN HEMISPHERE CONSTELLATIONS FINDER	Chile		
H – EARTH SCIENCE				
Booth Nb	Project 1	Country	Project 2	Country
H2	HOW TO TURN ROOFTOPS INTO PRODUCTIVE GARDENS	Kuwait	MINERAL TOURMALINE OF THE DIFFERENT GENESIS	Russia
H3	MAPING OF AFFECTED AREAS BY GONO CYCLON	United Arab Emirates	WATER : EARTH'S MOTHER AND MATRIX	India
H5	ANALYSIS OF THUNDERSTORM AND LIGHTING ACTIVITY	Luxembourg		
H6	INCONVENIENT TRUTH OR CONVENIENT LIE?	Brazil		
H7	EARTHQUAKE	Iran		
H8	LIGHTING	Belgium		
H9	TROPICAL STORM FORMATION AND THEIR INTENSITY	South Korea		
H10	HOW TO TURN ROOFTOPS INTO PRODUCTIVE GARDENS	United Arab Emirates		
I – ENERGY & TRANSPORT				
Booth Nb	Project 1	Country	Project 2	Country
I1	SMART STREET LIGHTS	United Arab Emirates	CONVERT SOLAR ENERGY INTO...	United Arab Emirates
I2	REDUCING POLLUTION CAUSED BY TIRES	Malaysia		
I3	TOBACCO SEED OIL : ALTERNATIVE OF BIODIESEL	Mexico		
I4	BOUYANCY ELECTRICAL GENERATOR	Malaysia	CHOCOLATE, THE UNBELIVABLE FUEL OF THE FUTURE	South Africa
I6	CHEAP ENERGY FROM WATER	Nigeria		
I7	EFFICIENCY OF PHOTOVOLTAICS	Germany		

النقل الجامعي.. دعم وتطوير للتعليم العالي

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 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 مواصلات ومعايير راقية تتناسب واحتياجات الطلبة.



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I8	ENSURE PARKING FOR DISABILITIES PEOPLE	Qatar	LIGHT+COLOUR=ELECTRICITY	Germany
I9	USED COOKING OIL AS A BIODIESEL	Malaysia	GENERATE KINETIC ENERGY FROM PIECES OF MIRRORS	United Arab Emirates
I10	FUEL CELL CAR, THE FUTURE OF TRANSPORT	United Arab Emirates		
I11	POWER GENERATION BY SPEED BRAKES	United Arab Emirates		
I12	SUN POWERED HOUSE OF THE FUTURE	United Arab Emirates	PORTABLE BIKE REFRIDGERATOR	Bahrain
I13	SMART ABLUTION SYSTEM	United Arab Emirates		
I14	BIONICS IN THE SOLAR POWER STATION	Germany		
I15	MAGNETIC WIND MILL : PERPETUAL SOURCE OF ENERGY	United Arab Emirates	CONVERT THE VOICE TO ELECTRICAL ENERGY	United Arab Emirates
I16	MODEL OF SOLAR ENERGY ROCKET	United Arab Emirates		
I17	ELECTRICAL ENERGY FROM MOVEMENT	United Arab Emirates		
I18	HYDROELECTRIC POWER STATION	Qatar	SECURE BATTERY	Saudi Arabia
I19	POWER TRANSFER CONTROLLER	Belgium		
I20	PRODUCTION OF BIO-ETHANOL OUT OF DOMESTIC GRASS	Malaysia		
I21	FM WAVE REMOTE CONTROL	Malaysia	SOLAR CELLPHONE BATTREY	Kuwait
I22	BIOETHANOL FROM OIL PALM TRUNK	Malaysia		
I23	SAVING ENERGY WITH CLIMATE DESIGN	Iran		
I24	MOTION SENSER	Iran	THE BUS STATION OF BANSKÁ BYSTRICA	Slovakia
I25	SOS : SWITCH OFF SOMETHING	Paraguay		
I26	IMPLEMENTATION OF WIND FARMS	United Arab Emirates		
I27	WIND MILL	Kenya	THE GREEN MICRO GYM	India
I29	THE MOST AFFORDABLE SOLAR WATER HEATER PANEL			

J- ENGINEERING				
Booth Nb	Project 1	Country	Project 2	Country
J1	2 FANS GO AROUND T-SHIRT OR A CAP	Kuwait	A ROBOT NURSE	Tunisia
J2	3D PRINTER	Tunisia		
J3	FIRE-FIGHTING ROBOT	China	GSM REMOTE MOTORS SPEED CONTROLLERS	United Arab Emirates
J4	AIRCRAFT-RUDDER CONTROL SYSTEM	United Arab Emirates		
J5	AMPHYBIOUS SOLAR CAR	United Arab Emirates		
J6	ROBOT MANIPULATOR THROUGH BIOELECTRICAL SIGNALS	Russia	ATTITUDE CONTROL OF SPACECRAFT	Slovenia
J7	SIMULATION OF A PV PANEL MODEL	Paraguay		
J8	CONTROL BY AUGMENTED REALITY	Mexico		
J9	AUTOMATIC PAINT MIXING PLC CONTROL SYSTEM	United Arab Emirates		
J10	ROBOT AVOIDING OBSTACLES	Russia	BAYTI	Tunisia
J11	CIRCULAR VERTICAL AXIS WIND MILL DESIGN	India	CHILD SAFETY SYSTEMS IN CARS	United Arab Emirates
J12	SMART WHEELCHAIR FOR VISUALLY IMPAIRED	United Arab Emirates		
J13	BRIDGE BUILDING	Namibia		
J14	SAFE STRUCTURE FROM THE EARTHQUAKE	South Korea		
J15	COMPACT DISCS AND PET RECYCLE.	Mexico	DRAFT PICK UP SWEETS	Kuwait
J16	CREATING ROBOTS	Mexico		
J17	DESIGNING BUILD AND FLY	United Arab Emirates		
J18	DAIRY DRINK ADDED WITH AVOCADO	Mexico		
J19	EDUCATIONAL FRIDGE	United Arab Emirates		

Explore the Scientist in You

Participate in the 'Think Science Competition'

Emirates Foundation is delighted to announce the "Think Science Competition" for the academic year 2013/2014, in partnership with the Ministry of Education and Abu Dhabi Education Council, with support by Emirates Foundation partners from private sector.

The 'Think Science Competition' is a science competition organized by Emirates Foundation for Youth Development which, aims at engaging teams of up to three talented youth from all Emirates, to inspire, encourage and empower Emirati youth

Objectives of the competition is to design, develop, and build science based innovations, and to apply science skills in solving practical problems.

We are looking for:

- Eager and gifted youth aged 15 to 24, from public/private schools and universities from across the UAE are welcome to apply and participate in the Competition.

How to Register:

- Online registration will be open for participation and proposals submission from the 20th September, 2013 on: www.emiratesfoundation.ae/thinkscience
- Deadline for submitting proposals is 15th November, 2013.
- Winners will be awarded with many different and valuable prizes such as; exploration trips and enrollment in apprenticeship programs provided by private sector partners.
- Youth will showcase their science projects at the Think Science exhibition, and winners will be awarded in a remarkable ceremony in April 2014.

Competition Categories:

The submitted projects should be within the scope of one of the following fields:

- Chemistry /Chemical Engineering
- Applied Physics
- Electrical Engineering
- Mechanical and Industrial Engineering
- Transportation
- Smart and Safety System
- Civil & Materials Engineering
- Energy
- Environmental Sciences

For registration and more information about the terms and conditions please follow and contact us on:

www.emiratesfoundation.ae/thinkscience

Email: think.science@emiratesfoundation.ae

Tel: +971 24042994



ThinkScience_EF



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بالعلوم
بالتفكير
THINK SCIENCE



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تأسيساً

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الإمارات
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FOR YOUTH DEVELOPMENT

J20	HEXAPODE	Tunisia	FIREFIGHTING MACHINE	United Arab Emirates
J21	FREEZE-O-MATIC	United Arab Emirates		
J22	INFRASTRUCTURE PROTECTION	United Arab Emirates		
J23	SPEECH EMOTION RECOGNITION TOY	South Korea	LASELKY PILOT PROJECT	Kuwait
J24	HYDROLIC POWER GENERATION	United Arab Emirates		
J25	LIGHTING OF HISTORIC BUILDING FACADE	Paraguay		
J26	LINE FOLLOWER ROBOT	France		
J27	MALL HANDHELD SUBMARINE	Kuwait	WATER ALARM CIRCUIT	United Arab Emirates
J28	NEW DEFIBRILLATION METHOD	Brazil		
J29	AUTOMATIC CAR-PARK SYSTEM	United Arab Emirates		
J30	NANNY JACKET	United Arab Emirates		
J31	MINECRAFTER 9000	Tunisia	SUSTAINABLE WATER MACHINE II	Brazil
J33	MODEL DRONE CONTROL BY IPAD	United Arab Emirates		
J34	MULTIFUNCTIONAL AUTOGUIDED VEHICLE	United Arab Emirates		
J35	NOAA WEATHER SATELLITE DATA	Slovakia	PALLETIZING UNIT	Slovakia
J36	NOISE FRIENDLY BUILDING	United Arab Emirates	OIL LEAK DETECTION	United Arab Emirates
J37	TRANSICIENET HOT WIRE METHOD	United Arab Emirates	PVC	Saudi Arabia
J38	PLANT WATERING WASHER	United Arab Emirates		
J39	QUAD COPTER	Tunisia		
J40	RECYCLED SAWDUST	Malaysia		
J41	REDUCTION OF T° IN FRONT OF AC HOT COILS	Thailand		
J42	REMOTE CONTROL	Oman	RISE OF THE CHIPS	Saudi Arabia
J43	ROAD IN THE FUTURE	Hungary	SAVE WASTE ENERGY	South Korea

J44	ROBOTIC DOG WITH A VIRTUAL LEASH	United Arab Emirates		
J45	SECURITY ROBOT	Tunisia		
J46	SOLAR TRACING FOOD COOCKER	United Arab Emirates	SIME-TEC	Mexico
J47	SMART ROBOT SWEEPER	United Arab Emirates		
J48	REMOVAL OF NUTRIENTS IN WASTEWATER	Colombia	STERILIZING PLASMA JET BY AUTOMATIC SCANNING	Tunisia
J49	TEBAA	Tunisia	TERRAIN WHEELCHAIR.	Slovakia
J51	THE TEACHING AID HALDEX IV	Slovakia	THE GUIDING TROLLEY	Kuwait
J52	DESIGN OF SIMPLE SYSTEM FOR REUSE	United Arab Emirates		
J53	CLEAN GLASS OF TOWERS	United Arab Emirates	THE THIRD EYE-SAFETY DEVICE	Argentina
J54	WHEEL LUG NUT TOOL	Mexico		
J55	TURBOCHARGED JET ENGINE	Canada	UAV	Tunisia
J56	Robotics	United Arab Emirates		
J57	INTELLIGENT POWER SWITCH	Thailand		
J58	WIRELESS -4D EARLY WARNING SYSTEM	Malaysia		
K - CHEMISTRY				
Booth Nb	Project 1	Country	Project 2	Country
K1	-1,3DIPOLAR CYCLOADDITION	Russia	BUILDING HOMES FROM WASTE	Canada
K2	ANANAS COMOSUS> SKIN STAIN REMOVER	Malaysia		
K3	COCONUT FIBRE AS ADSORBENT	Malaysia		
K4	COLD PACKS	United Arab Emirates	YSYPO MIL NOMBRES AND AGOSTO POTY SHAMPOO	Paraguay
K5	ANALYZING QUININE LUMINESCENCE SUPPRESSION	Brazil		
K6	SAP FROM SUGARCANE WASTE	Malaysia		
K7	EXTEND OF VIT C IN SEVERAL JUICES	United Arab Emirates		
K8	FABRICS: A SHIELD FOR UV RAYS	Italy		

Did you know....

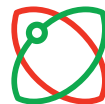
- Nuclear energy is one of the cleanest energy sources available today – operating nuclear energy plants generate large volumes of electricity 24 hours a day, 365 days a year and produce almost zero carbon emissions
- Radiation is the term used for energy in motion. There are many natural sources of 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:
 - a quarter of the radiation you would receive from a chest x-ray
 - a third of the radiation you would receive on a flight from Paris to New York



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Emirates Nuclear Energy Corporation



K9	PARBO: FROM BIOMASS WASTE OF PALM OIL	Malaysia	HCL+METAL.	Spain
K10	HEAVY METAL GS ADSORBENT	Malaysia		
K11	HYDROGEN FROM THE SUN	Kuwait	INTERACTION [RH(III)CP*]-DEFERIPRONE	Hungary
K12	MODERN TRENDS IN PREPARATION OF MIXED DRINKS	Slovakia	MONITORING OF HEAVY METAL IN SOLUTION	Thailand
K13	MOSQUITO REPELLANT FROM NEEM LEAVES	Gambia	PLASTIC FROM RICE HUSK	Brazil
K14	«PALF» AS ALTERNATIVE IN NOVELTY COMPOSITE	Malaysia	RECYCLING WASTE PLASTIC AS GRAPHITE & ARTIFICIAL DIAMOND	Iran
K15	INTERACTIVE PERIODIC TABLE	United Arab Emirates	SOAP PRODUCTION FROM PLANTAIN/GROUNDNUT	Gambia
K16	CASSAVA JUICE ALTERNATIVE MEAT PRESERVATION	Venezuela		
K17	TRISOXIMES HOMOANALOGUES	Russia	SAND - THE INEXHAUSTIBLE GOLD	Germany
K18	SYNTHESIS OF TRIAZENE COMPOUNDS	Slovakia		
K19	RARE SPECIES AND THEIR PROTECTION	Russia	WATER HARDNESS	Kuwait
K20	THE SCIENCE OF DELIGHT	Mexico		
K21	THE SECRETS OF THE CHEMILUMINESCENCE	Belgium		
K22	USEFULNESS OF FLOWER PETALS	United Arab Emirates		
K23	SUGARCANE FOR BIOETHANOL PRODUCTION	Iran		
K24	CONTENT OF CAFFEINE IN EVERYDAY BEVERAGES.	Kuwait	DETECT ACIDITY THROUGH PLANTS	Kuwait

L – ELECTRICAL & MECHANICAL TECHNOLOGY

Booth Nb	Project 1	Country	Project 2	Country
L1	AIR LEAKING DETECTOR	Saudi Arabia	BOMB DETECTORS	Nigeria
L2	AUTO SMART ROUNDED CLOTHLINE	Malaysia		
L3	BOTTLE FILLING MACHINE	United Arab Emirates	SMART WHEEL CHAIR	United Arab Emirates

إكتشف عالمًا بداخلك

شارك في مسابقة
"بالعلوم نفكر"

بالعلوم
نفكر!
THINK SCIENCE

يسر مؤسسة الإمارات الإعلان عن إطلاق مسابقة "بالعلوم نفكر" في دورتها الجديدة للعام الدراسي 2013/2014، والتي تنظم بالشراكة مع وزارة التربية والتعليم ومجلس أبوظبي للتعليم، وبدعم من شركائنا من القطاع الخاص

• "بالعلوم نفكر"، هي مسابقة علمية تشارك فيها فرق تتكون من ثلاث مواهب شابة من جميع أنحاء الدولة، بهدف

اكتشاف المواهب العلمية الوطنية الشابة

• المشاركة متاحة للشباب من عمر 15 وحتى 24 في جميع المدارس الخاصة والحكومية والجامعات بالدولة

• التحدي الرئيسي للمسابقة يتمثل في تصميم ابتكارات علمية، وتطويرها، وبناءها، وتطبيق مهارات علمية في حل المشاكل العملية

• باب التسجيل مفتوح ابتداءً من 20 سبتمبر 2013، وذلك من خلال الموقع الإلكتروني

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• آخر موعد للتسجيل، وتسليم مقترحات المشاريع سيكون في 15 نوفمبر 2013

• تتوفر جوائز المسابقة ما بين جوائز قيمة، رحلات علمية استكشافية وفرص للتألق ببرامج تدريبية لتطوير المهارات العلمية يوفرها شركائنا في القطاع الخاص.

• سيتم عرض مشاريع المشاركين والإعلان عن أسماء الفائزين خلال حفل ومعرض كبيرين في شهر إبريل عام 2014

فئات المشاريع:

المشاريع المقدمة يجب أن تكون في أحد المجالات العلمية التالية:

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- الفيزياء التطبيقية
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- أنظمة الأمان والأنظمة الذكية
- أنظمة المواصلات
- الهندسة المدنية وهندسة المواد
- الطاقة
- إدارة العلوم البيئية

لمزيد من المعلومات حول كيفية التسجيل وتقديم المقترحات إلكترونياً، والإطلاع على شروط وأحكام المسابقة، يرجى التواصل ومتابعتنا على:

www.emiratesfoundation.ae/thinkscience

Email: think.science@emiratesfoundation.ae

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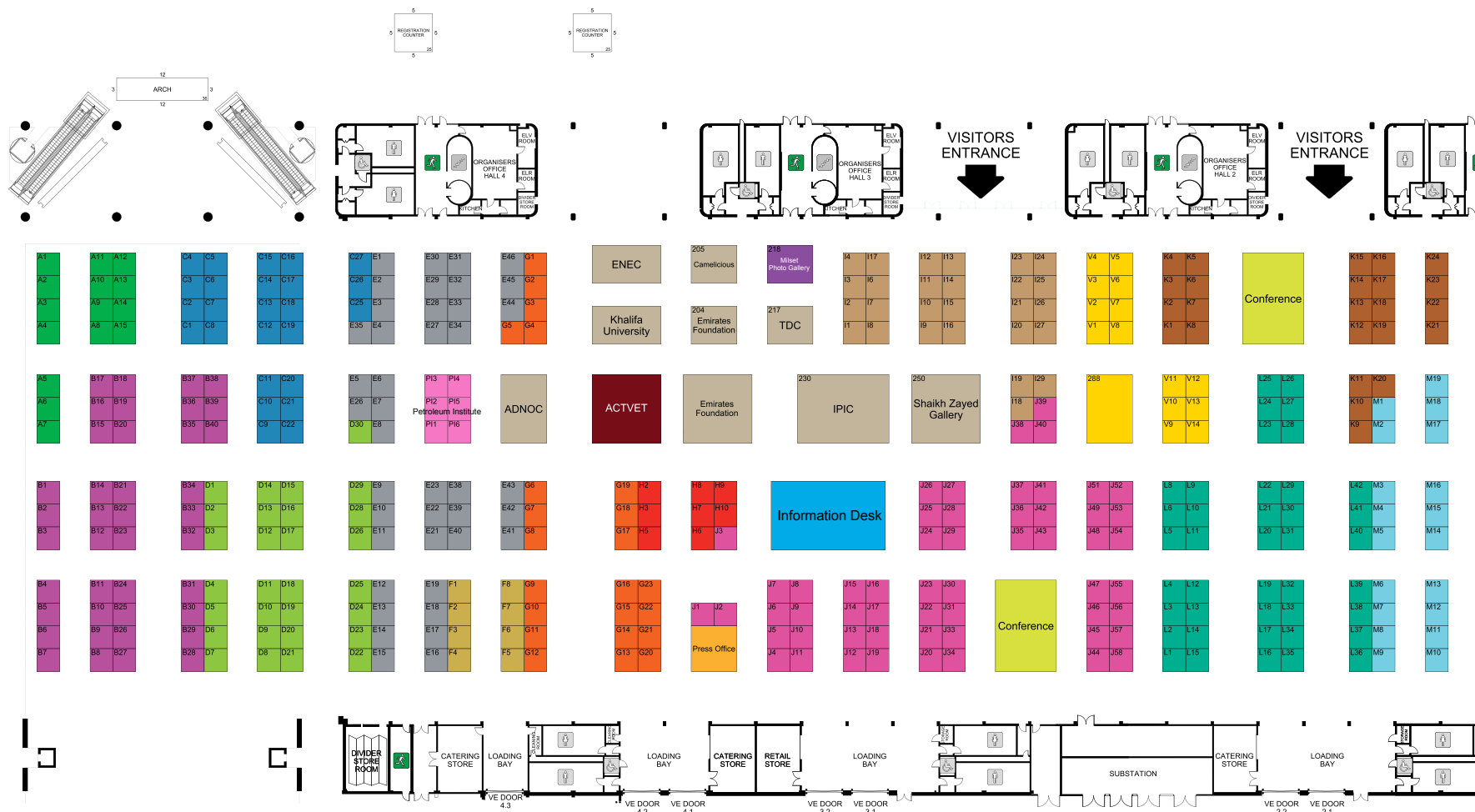
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L4	BROWN RICE MILLING MACHINE	Thailand		
L5	CASSAVA SLICING MACHINE	Thailand		
L6	CLEAN SOLAR CELLS AUTOMATICALLY	Qatar	HOME ELECTRICITY CONTROL SYSTEM	United Arab Emirates
L8	DIRECTIONAL HEARING WITH SIMPLE HEADPHONES	Germany		
L9	DISASTER SPIDER	Algeria	DYER ROBOT	Kuwait
L10	ADAPTIVE DEVICE FOR MACHINE TOOLS	Argentina	INCREASE OF EFFECTIVENESS OF SOLAR BATTERIES	Russia
L11	DON'T FORGET YOUR KEYS	Nigeria		
L12	GLOBAL CONTROLLER	Mexico		
L13	FISH FEEDING MACHINE USING SOLAR ENERGY	Thailand		
L14	HYDRAULICS AND PNEUMATICS	United Arab Emirates		
L15	INTERACTIVE ELECTRONIC BAG (IBAG)	United Arab Emirates		
L16	INSTANT WATER HEATER	India		
L17	LADYBUG FIGHTER	Kuwait	MAGIC LITE	Kuwait
L18	VEHICLE DROWNING RESCUE SYSTEM	Kuwait	EFFECT OF INCREASED T° ON SOLAR CELLS	Kuwait
L19	MECHANICAL AUTONOMOUS CHARACTER HYBRID	India		
L20	MUFU.GONG	Germany		
L21	RIEMS MULTIDISCIPLINARY MODULE	Mexico		
L22	OXYNTAS	Tunisia		
L23	PAPER CIRCUIT	United Arab Emirates		
L24	PCB1-	United Arab Emirates	PCB2-	United Arab Emirates
L25	PING PONG BALL LEVITATE	United Arab Emirates		
L26	PING PONG PINBALL MACHINE	United Arab Emirates		
L27	PRO-KINETIC EFFECT OF HYDROALCOHOLIC EXTRACT	Paraguay		

M2	USING MICROORGANISM TO DESALINATE WATER	United Arab Emirates		
M3	DATENERGY	United Arab Emirates		
M4	BTEX DEGRADATION BY ACINETOBACTER SP	Mexico		
M5	CHARGING DEVICE THROUGH WIRELESS ENERGY	United Arab Emirates		
M6	ELABORATION OF FUNCTIONAL FOODS	Mexico		
M7	EMPTY FRUIT BRUNCH AS PRODUCTION OF BIOCHAR	Malaysia		
M8	MINDCONTROL ROBOT	United Arab Emirates	EXPLOITATION OF BIOOXIDATION GOLD LEACHING.	Slovakia
M9	SYNTHESIS OF B-AMINO ACIDS	Mexico		
M10	GRAPHENE: ELECTRON INK AND INTEGRATED CIRCUITS	United Arab Emirates		
M11	CIVIL DEFENSE AUTOCOPTER	United Arab Emirates		
M12	NON-WOVEN FRENCH POODLE FABRICS	Mexico		
M13	PLANTING HORMNIN RICE WITH TRIPLE PRODUCTIVITY	Thailand		
M14	EF TECH WATER PURIFICATION	Malaysia		
M15	HOW TO PHOTOGRAPH THE INVISIBLE?	France		
M16	TASTY SOY	Paraguay		
M17	REUSABLE HOLLOW FIBER BIO-REACTOR	United Arab Emirates		
M18	FIGHT BIO-ECOLOGICALY AGAINST COCKROACHES!	Romania		
M19	PILLS ON YOUR PLATE?	Canada	TRANSGENIC CYANOBACTERIA CONTROL OF MOSQUITO	Romania

V – VILLAGE OF THE LITTLE SCIENTISTS				
Booth Nb	Project 1	Country	Project 2	Country
V1	METAL-DETECTOR-MOP	Russia		
V10	SCIENCE PRACTICALS MADE EASY	Nigeria		
V11	AMAZING SCIENCE SCHOOL	Oman	AN INNOVATIVE DEVICE FOR MEASURING EARTHQUAKES	Oman
V12	g IN 1 INNO GAMES MAT	Malaysia		
V13	PHYSICS AND CHEMISTRY FOR THE SMALLEST	Czech Republic		
V14	WHO IS THE FAITHFUL COMPANION OF MAN	Mexico		
V2	WATER IN THE ACTION	Czech Republic		
V3	TRAVELERS AND ADVENTURER, RIDLEY TURTLE	Mexico		
V4	THE TRIP OF A DROP OF PETROLEUM	Venezuela		
V5	THE ELECTRONIC COMMUNITY POLICE	Nigeria		
V6	PLAYFUL PHYSICS	Czech Republic		
V7	PHYSICS CAN BE FUN	Czech Republic		
V8	COORDINATION OF THE VILLAGE OF LITTLE SCIENTISTS	International		
V9	CENTRIFUGAL FORCE	Russia	HOW TO MAKE ELECTRICITY IN A FIRE	Russia

FLOOR PLAN



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- الفيزياء وعلم الفلك
Physics & Astronomy
- علم الأرض
Earth Science
- الهندسة
Engineering
- الطاقة والنقل
Energy and Transport
- قرية الباحث الصغير
Little Researcher Village
- التكنولوجيا الكهربائية والميكانيكية
Electric and Mechanical Technology
- الكيمياء
Chemistry
- التكنولوجيا والبيولوجيا الحيوية
Technology and Biotechnology
- استعلامات
Information Desk
- قاعة الندوات - 1
Conference Room - 1
- قاعة الندوات - 2
Conference Room - 2
- غرفة الصحافة
Press Room
- معرض صور ميلست
Milset Photo Gallery

CONFERENCE PROGRAM



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15th September 2013

11:30-10:30 (Conference 1)	Topic: Promoting science by bringing a cosmic perspective into the classroom. Speaker : Rohan Roberts – UAE
3:00 - 2:00 (Conference 1)	Topic: Takamul Intellectual Property (IP) Basics – An introduction into the different concepts of intellectual property and how it works By Abu Dhabi Technology Development Committee
5:00 - 2:00 (Conference 2)	Roundtable : “Governmental and Non-governmental Organizations: Cooperation in the Sphere of Scientific and Technological Education By MILSET
4:30 - 3:30 (Conference 1)	Topic: Stellar Education Speaker: Salome Matos – Portugal
6:00 - 5:00 (Conference 1)	Topics: Robotic Speaker: Tiago Docilio Caldeira – UAE

16th September 2013

10:00-9:00 (Conference 1)	Topic: Nuclear Energy By Emirates Nuclear Energy Corporation
12:30-9:30 (Conference 2)	Workshop: Ask the Astronomer & Make your own exoplanet Speaker: Salome Matos – Portugal
11:30-10:30 (Conference 1)	Topic: Takamul Intellectual Property (IP) Basics – An introduction into the different concepts of intellectual property and how it works By Abu Dhabi Technology Development Committee
3:00 - 2:00 (Conference 1)	Topic: The new era of Green Nanotechnology Speaker: Dr. Abdel Isakovic – UAE
3:30 - 2:30 (Conference 2)	Topic: A Cost-Effective Digital Radar Speaker: Dr. Lutfi – UAE



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4:30 - 3:30 (Conference 1)	Topic: From Alice and Bob via Polynomial Automorphisms to Differential Invariants Speaker: Miroslav Kureš – Czech Republic
5:00 - 4:00 (Conference 2)	Topic: Survey of SigMate Speaker: Zainab Hamed Marhoun Al Sidairi – Oman
6:00 - 5:00 (Conference 1)	Topic: Today's Economic and Cultural Diasporas as Engines of Modern Science and Innovation Speaker: Georg Pestal – Austria
6:00 - 5:00 (Conference 2)	Topic: Galactic Center - A Cosmic Laboratory Speaker: Michal Zajacek - Slovakia
17th September 2013	
10:00-9:00 (Conference 1)	Topic: Takamul Intellectual Property (IP) Basics – An introduction into the different concepts of intellectual property and how it works By Abu Dhabi Technology Development Committee
12:30-9:30 (Conference 2)	Workshop: Solar Energy Rocks ! Speaker: Michal Zajacek – Slovakia
11:30-10:30 (Conference 1)	Topic: Analyzing Bittorrent as a P2P application Speaker: Zainab Hamed Marhoun Al Sidairi – Oman
3:00 - 2:00 (Conference 1)	Topic: A Survey of Design of a Hybrid Memory Cell Using Memristance and Ambipolarity Speaker: Zainab Hamed Marhoun Al Sidairi – Oman
4:30 - 3:30 (Conference 1)	Organocatalysis: An introduction Speaker: Magnus Jensen – Denmark
6:00 - 5:00 (Conference 1)	Topic: World of Engineering Speaker: Dr. Sami Ainane – UAE

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صندوق بريد ١٠٨٨٠٠ ، أبوظبي، أ.ع.م.
هاتف: +٩٧١ (٠)٢ ٦١٣ ٢١١١ ، الفاكس: +٩٧١ (٠)٢ ٦١٣ ٢٠٠٠
Tel: +971 (0)2 613 2000 Fax: +971 (0)2 613 2111
PO Box 108800, Abu Dhabi, UAE,
البريد الإلكتروني: esi2013abudhabi@actvet.ac.ae

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