

Recent Events

Sheikh Yamani, Saudi's Ex-minister of Oil in a NU Seminar

NU had the privilege of hosting a seminar for H.E. Sheikh Ahmed Zaki Yamani, Ex-minister of Oil and Mineral Resources of Saudi Arabia and founder of the Centre for Global Energy Studies on 26th April, 2009. The seminar entitled "Petroleum & Alternative Energy: Present & Future" was an opportunity for the University to redirect attention towards exploring the available sources of alternative energy, and benefiting the most from the current resources. In his presentation to an audience of over 200 top executives, Sheikh Yamani reviewed the rising alternative sources of energy, such as nuclear energy and biofuels. He added that due to the instability of petroleum prices, nations worldwide are seeking new dependable sources of energy, despite the fact that Saudi Arabia still has an abundance of oil reserve. Moreover, Sheikh Yamani concluded his review with a suggestion of applying extensive research in the fields of solar energy and the desalination of sea water. He believes that these two sources will be critical to the future of the Arab world.

Sheikh Yamani was appointed Minister of Oil and Mineral Resources of Saudi Arabia from 1962 to 1986. He was instrumental in the Organization of Arab Oil Petroleum Exporting Countries (OAPEC). He established the University of Petroleum in Dhahran, Saudi Arabia and remained its President from 1962 until 1976. In 1988, he also established Al-Furqan Heritage Foundation in London, specializing in old manuscript, followed by the establishment of the Centre for the Philosophy of Islamic Law as well as the Encyclopedia of Makkah and Madina. In 1990, Sheikh Yamani officially inaugurated the Centre for Global Energy Studies in London.



Bell Labs' President visits NU

Dr. Jeong Kim, President of Alcatel-Lucent Bell Labs made a visit to NU's premises and research centers on April 12th, 2009. Dr. Tarek Khalil, NU's Acting President & Provost and Dr. Amr Mortagy, V.P for Finance & Administration and Dean of Business School, welcomed Dr. Kim and discussed the ongoing cooperation between NU and Bell Labs in research areas of mutual interest. Dr. Kim then visited NU's Wireless Intelligent Networks Center (WINC). Dr. Mohammed Nafei, Associate Professor and Co-Director in WINC, along with the young research assistants presented to Dr. Kim the outcomes of the research done so far in the areas of intelligent sensor networks and cognitive radios.

Worthy of being mentioned, is that over the past 80 years, the Bell Labs R&D community has made seminal scientific discoveries, created powerful new technologies, and built the world's most advanced and reliable networks. Bell Labs has been at the forefront of technology since 1925. Here are ten Bell Labs innovations that changed the world:

- Data Networking
- The Transistor
- Cellular Telephone Technology
- Solar Cells
- Laser
- Digital Transmission and Switching
- Communications Satellites
- Touch-Tone Telephone
- Unix Operating System and C Language
- Digital Signal Processor (DSP)



The cooperation with Bell Labs comes as an addition to NU's commitment to being highly interactive with world-class research and higher education institutions from all parts of world. NU has a wide network of collaborations with North American and European universities and research institutions including the renown Spanish School of Business - IESE, the University of Miami, Carnegie Mellon University and Ohio State University to name a few.

Fall 2009 Admissions

Nile University is currently accepting applications for the Fall 2009 semester. The graduate programs include the following:

- Executive MBA
- Management of Technology
- Communication & Information Technology (CIT)
 - CIT – General Track
 - CIT – Software Engineering Track
 - CIT – Information Security Track
 - CIT – Wireless Technologies Track
- Microelectronics System Design
- Construction Engineering and Management

"Go Green" Initiative

"Go Green" is a new vision and strategy of the IT development in Nile University. "Go Green" initiative addresses, but not limited to, Power Efficiency (Optimized power supplies, and intelligent power management) and Operational Efficiency (Integrated services, collaboration services, network virtualization and continuous innovation). The Information Systems Department is deploying the "Go Green" in different dimensions starting from technology and vendor scanning passing through a multi-tier structure combines IT architecture (education network platform), education applications (virtual teaching and learning platform, and smart campus) and business issues (academic excellence and administrative efficiency). Starting the "Go Green" initiative, Nile University is considered the first university in Egypt and the Middle East that deploys "Green" strategy within its ICT systems.

Internet2 Spring Meeting



NU participated in the Internet2 Spring Meeting held on April 29th, 2009. Eng. Nezar Sami, Manager of the Information Systems Department at NU, presented a speech entitled "Go Green Initiative: University & NRENs Trends - Egyptian Perspective". The speech was webcasted via video conference under a session named "Green: Start with the End in Mind? Three Views to Solve Parts of the Problem".

Abstract of the NU speech:

Many organizations nowadays are faced with the worldwide challenge of high energy costs, environmental issues, government and industry directives, and heightened public scrutiny. Nevertheless, limited space and power to meet the organization's computing needs are all becoming influential forces driving "green" issues and practices to the forefront of business and IT plans. One of the main organizational resources affected by all above-mentioned conditions are data networks that are presumably ideally suited to bolster these efforts and provide much-needed relief from increasing environmental challenges. The purpose of this session is to discuss the efforts exerted by Nile University (NU) to establish the new concept of "Go Green" initiative. The impact of the "Go Green" initiative on the future planning of the NREN is also discussed from an Egyptian perspective, this includes, but not limited to technology-driven concepts like vendor scanning and multi-tier structure combines IT architecture (education network platform), and education applications (virtual teaching and learning platform, and smart campus). Business issues (academic excellence and administrative efficiency) are also explored and addressed.

What's new @ NU



Monthly Newsletter

May 2009

MOU with Mentor Graphics

H.E. Dr. Tarek Kamel, Minister of Communications and Information Technology, and Greg Henckely, President of Mentor Graphics, witnessed the signing of an MOU between the Mentor Graphics and Nile University on 6th April, 2009. The Memorandum was signed by Dr. Hazem Eltahawy, President of Mentor Graphics Egypt, and Dr. Amr Mortagy, VP of Finance and Administration at NU. The agreement provides collaborative projects, student support and training, and CAD tools to the Nanoelectronics Integrated Systems Center (NISC) directed by Professor Yehea Ismail. The Memorandum also provides educational support for the Microelectronics Systems Design (MSD) Masters program directed by Dr. Rafik Guindi.



Intel's CTO visits NU

Dr. Justin Ruttner, Chief Technical Officer of Intel visited NU on April 23rd, 2009. Accompanied with Dr. Yehea Ismail, Director of the Nanoelectronics Integrated Systems Center (NISC), Dr. Ruttner visited NISC labs, and spoke with some of the Research Assistants to review the research they conducted so far. The visit comes as a furthering to the NU - Intel cooperation that aims towards developing education, training, and design in Egypt, in which NISC will maintain a research and development program in line with Intel strategic objectives and interests and in close cooperation with Intel.



18th International Conference on Management of Technology

NU faculty and students of the Management of Technology program presented papers (detailed below) in the IAMOT 2009 Conference held from April 5-9 in Orlando, Florida, focused on the Management of Green Technology (GT). The conference content covered technologies, issues related to its management, trends and research in this technology which is receiving much attention and interest. From green energy to green construction, material, and services; developed and developing countries are racing for innovations and development of new products that promise a high impact on living, the environment, national and regional policies.

The conference addressed other issues related to MOT Education, R&D, technology transfer, and theory of technology, with special attention to emerging technologies that contribute to the quality of life.

Paper Title	Author/Presenter
Spreading Technology through Education: Intelligent Transportation Program between UCF-CATSS	Dr. Hazem Ezzat
Greening of the Supply Chain	Dr. Tarek Shaalan
National Research & Education Network: Egyptian Assessment	Nezar Sami
Green Networks The vision for the 21st Century University: Egyptian Perspective	Nezar Sami
Green Technologies or Green Minds?	Lillian Atef Shafik
Management of Green Building Technologies	Amr Moustafa
Technology Parks as a Catalyst for Economic Growth - Approaches and Strategies	Mohamed El-Mahdy
Entrepreneurship System, Egypt as a case study.	Yasser Tawfik
University of Central Florida Incubation Program: A Case Study of the Entrepreneurship Ecosystem	Tarek Salah

RoboCup: The Artificial Intelligence

NU hosted a lecture on 2nd April, 2009 for Professor Dr. Gerhard K. Kraetzschmar, Professor for Autonomous Systems at the Bonn-Rhein-Sieg University, Germany entitled "RoboCup - A Challenge for Science and Education".



RoboCup is an international robotics competition founded in 1993, with the aim of developing autonomous soccer robots with the intention of promoting research and education in the field of artificial intelligence. The annual RoboCup competition is now one of the largest scientific competition in robotics and multiagent systems, with more than 400 teams and 2500 participants from about 40 countries around the world.

The talk presented the basic idea and the development of RoboCup. Key elements of a successful scientific competition are identified. The introduction and growth of new leagues are used to demonstrate the breadth of topics covered in RoboCup. Also Dr. Gerhard discussed the effect of the underlying scientific challenges and how it can be used to foster research and education.

New Post Vacancy Service

Nile University is pleased to announce the commencement of its electronic vacancy posting service. With its rich portfolio of graduate students and alumni with varying degrees of professional work experience, NU aims to provide companies with a venue to attract highly qualified candidates to satisfy their business needs. NU vacancy postings are free of charge. Vacancies will be sent electronically to all registered students and alumni. If interested in using this service, please contact: Ms. Nancy El Sherbiny at: postvacancy@nileuniversity.edu.eg and provide a brief job description for each vacancy to be posted as well as an e-mail address for students to apply directly to. We hope you will make use of this new service. We are looking forward to supporting your recruitment initiatives.

Coming Events

6th Investing in Technology Forum
May 12th – 14th, 2009

Under the patronage of H.E. Dr. Ahmed Nazif, Prime Minister of Egypt, the Arab Science & Technology Foundation in partnership with NU and ITIDA organize the 6th International Forum on Investing in Technology. The 6th Investing in Technology Forum is an international gathering focusing on bringing entrepreneurs, technology leaders, corporate CEOs, venture capitalists, angel investors, and leading investment and financial institutions to stimulate more investment in emerging technology and startup companies in the Arab World. The Forum is the ideal place for networking and discussions on technology and investment trends happening in the local, regional and international markets.