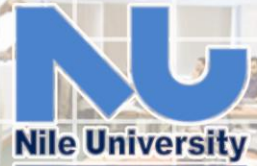




What's new @ NU



Monthly Newsletter

September 2008

Recent Events

Conference on Wireless Intelligent Networks



In April 2008, Nile University organized a three-day conference on Wireless Intelligent Networks under the auspices of H.E Dr. Tarek Kamel, Minister of Communications and Information Technology. The conference featured presentations by leading experts from the U.S. and Europe on their recent research work in the area of wireless communication and networking. The keynote speakers were: Professor B. Aazhang from Rice University, Professor A. El Gamal from Stanford University, and Professor A. Paulraj from Stanford University.

With 550 participants attending the first day of the conference, the overall number of registrations reached 700 during the three days. During the event, Nile University also introduced its recent research initiatives and welcomed attendees to explore potential collaboration opportunities.

Wireless Workshops

A Wireless Open Access Platform (WARP) workshop was organized following the conference and attended by 24 participants (full capacity) selected from more than 50 applicants. Due to the overwhelming demand, NU hosted another hands-on workshop on Wireless Sensor Networks on June 26th. Attendees included graduates and undergraduates from all over Egypt (Cairo, Ain Shams, Alexandria, Fayoum, GUC) as well as, people from industry. The goal was to introduce people interested in sensor networks to the Lab at NU's Wireless Intelligent Networks Center (WINC) and give them the opportunity to test and implement sensor network applications. WINC's Wireless Sensor Network Lab is the first and largest lab in Egypt.



"Innovation for Growth: The 3M Experience"

As part of NU's breakfast seminar series, a seminar on innovation was held by Nile University at the Cairo Marriott Hotel on June 3rd 2008. The main speaker was Dr. Lockwood Carlson, Visiting Professor at Nile University, Management of Technology Program, whose presentation covered his experience while working at 3M and explained the process of innovation, how to apply innovation, and support it. Over 50 people from upper- and middle-management levels of different market sectors attended the two-hour event.



New Masters Programs Launched For Fall 2008

Nile University vision is to be a world-class, internationally recognized research university. To best achieve this vision, NU launched new state-of-the-art masters programs in the following fields:

Intelligent Transportation Systems

Two-year MS degree with the main objective of preparing a new generation of transportation professionals in Egypt, educated to the highest international level, and capable to research and solve Egypt's transportation problems and its needs in the 21st century. The program is offered in collaboration with University of Central Florida's (UCF) Center for Advanced Transportation Systems Simulation (CATSS) as the international partner.

The Egyptian Ministries of Transportation and Communications & Information Technology are the main local partners.

Microelectronics System Design

Nile University's Microelectronics System Design program focuses on state-of-the-art Integrated Circuit (IC) design and design methodologies. A special emphasis is placed on design flow, system-level issues, and Electronic Design Automation (EDA) tools, including modeling, synthesis, and simulation at various levels of abstraction. The program was developed in cooperation with leading microelectronics design companies in Egypt and was benchmarked against similar leading programs worldwide.

Information Security

The program addresses the growing need in Egypt for information security specialists that possess a balance of technical knowledge and business skills. The curriculum is designed to provide background, insights, and technical coverage of key elements of information security, while equipping students with the analytical methods and management practices to succeed as security professionals. Students will learn how to assess the information security risks facing an organization, and what are the most effective techniques to protect against them.

Construction Engineering & Management

The program is uniquely designed to advance the knowledge and improve the construction management know-how of students via sets of core courses and electives that cater for students' diverse interests in project management, cost planning and control, construction methods and field operations, and labor relations and contract administration. The program is offered in collaboration with a group of renowned professors from well recognized universities in Canada, USA and Europe.

Joint Workshop: NU, Seoul National University and Information & Communication University (Korea)



A joint workshop on "ICT Policy Management" was held at Ministry of CIT premises at the Smart Village. The main objectives of the workshop were:

- * Presenting the state-of-the-art academic accomplishments and sharing significant ideas to pursue the new paradigm of ICT policy management in the globalization era.
- * Promoting the cooperation between ICT businesses, government and universities and review potential activities concerning ICT policy management strategies in the world.
- * Reinforcing the network of IT professionals from diverse fields of information and communication technology.

The workshop program included presentations by keynote speakers:

Professor Tarek Khalil- Provost & Acting President of NU. Professor Jun-Seok Hwang- Director of IT Policy at the Seoul National University, Professor Massoud Amin- Director of CDTL at the University of Minnesota, Dr. Nagy Moustafa Chairman of SecureMiser, and Dr. Mahmoud Allam, CIT Program Director at Nile University.

Strategic Management Breakfast Seminar



On July 13th, Nile University organized a breakfast seminar at the Cairo Marriott Hotel on two strategic management topics. "Shaping Business for Success" was presented first by Prof. Dr. Massoud Amin, a visiting professor at Nile University, Management of Technology Program, is the Director of Center for the Development of Technological Leadership. Dr. Amin tackled in his presentation a number of subjects, among which were: how to develop winning competitive products especially for the mass-market, how to take advantage of an open world, and using niche, pivotal and emerging technologies for business gains. The second presentation entitled "Big Winners...Big Losers" was presented by Dr. Alfred A. Marcus, a visiting professor at Nile University, Management of Technology Program. Dr. Marcus' presentation questioned the reasons behind the success of some firms. Dr. Marcus is Edson Spencer Chair of Strategic Management, CDTL, and author of the book, "Big Winners, Big Losers."

New Faculty, Summer 08

Dr. Mohamed Abdel Aty is the Program Director of the Intelligent Transportation Systems (ITS) program. Dr. Abdel Aty has a PhD in Civil Engineering (Transportation) in 1995 from University of California, Davis. He is currently working as a professor of Civil Engineering at the University of Central Florida.

Dr. Nael F. Osman is Associate Professor of Medical Imaging at Nile University. Dr. Osman is also an Associate Professor in the Department of Radiology & Radiological Science-School of Medicine, and Associate Professor in the Electrical and Computer Engineering Department at Johns Hopkins University.

Dr. Ahmed Kamal Sultan is Assistant Professor of Nile University's Research Center. Dr. Sultan has a PhD. In Electrical Engineering from Stanford University.

Dr. Yehea Ismail is a professor at Northwestern University who has many international awards in the area of integrated circuit design and VLSI. He is helping launch the MSD program at the Nile University."

Announcements

NU is now accepting new students in its four running programs:

- Executive Master of Business Administration (EMBA)
- Master of Science in Management of Technology
- CIT: Wireless Technologies Masters program
- CIT: Software Engineering Masters program

Admission requirements for all NU masters programs:

- Completed & signed application form, including applicant's personal statement.
- Official degrees & transcripts of all university-level work certified by the granting institution including all degrees (both undergraduate and graduate) previously earned or not completed.
- IBT TOEFL score (scores are valid for two years).
- GMAT/GRE score (scores are valid for five years). This requirement could be completed during the first semester of study.
- Curriculum Vitae (CV).
- Two recent passport-size photographs.
- Copy of an official ID or Passport.
- Application fee LE 100 (non-refundable) payable in cash, by money order or certified check to Nile University.
- Recommendation letters (optional).
- Other requirements as may be specified by individual departments.

Dr. Mahmoud Allam Appointed Assistant Provost

Dr. Mahmoud Allam has been appointed Assistant Provost for Academics.

The appointment was announced by Prof. Tarek Khalil, Acting President & Provost of NU.



In his new position, Dr. Allam will be working closely with Dr. Khalil in managing and developing NU's academic programs while continuing to serve as CIT Program Director.

Dr. Allam joined Nile University project in 2004 and was among the team who founded NU. He holds a bachelor degree and a master degree in electrical engineering from Cairo University and a Ph.D. degree in engineering from the University of Wisconsin-Milwaukee.

This NewsLetter is Prepared By:
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