

# Newsletter of NYUST

National Yunlin University of Science & Technology

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## 2003 ICEE in Spain



Our President, Tsong-Ming Lin (the first person on the right) had a group photo taken with, from the right to the left, President Wojciech Zielinski of the Polytechnic University of Silesian, Poland; President Jorge Ivan Velez-Arocho of the Polytechnic University of Puerto Rico of Mayaguez Campus; President Justo Nieto Nieto of the Polytechnic University of Valencia, Spain; President Tomas Cermak of the Polytechnic University of Vysoka Skola Banska University, the Czech Republic; and President Yuriv Chebotarevsky of the Polytechnic University of the Saratov State, Russia.

Taiwan founded the ICEE (International Conference of Engineering Education), which has received high praise from the National Science Council and the Ministry of Education. Taiwan sends related members to attend the conference every year. And this year, a delegation of almost sixty members led by Che-Ho Wei, Director of the National Science Council, and Mu-Lin Lu, Vice-minister of the Ministry of Education attended the conference. The group of delegates, including our President Tsong-Ming Lin, President Ren-Chyuan Luo of National Chung Cheng University, President Chin-Fu Chang of National Chi Nan University, President Chia-Huan Ku of National Kaohsiung First Uni-

versity of Science and Technology, Vice-president Shan-Hui Ou of National Cheng Kung University. Also present were the director of the Department of Engineering and Applied Science of the NSC and the vice-quartermaster of the Department of Higher Education of the MOE and dozens of teachers from other schools, who presented their papers.

In order to take advantage of this visit, the convener Dean Yeong-Bin Yang of the College of Engineering of NTU held a meeting before setting off. In the meeting, we made a collective report on the material we had prepared for the 2003 ICEE, as well as discussing the progress of our preparations for the "Worldwide Chinese Conference of Engineering and Technological Education", which will be held next year. Being prudent, the participants of each panel were required to turn in the proceedings of the conference to their own panel caller. After returning we had to edit the report and post it at IEET's (the Institute of the Engineering Education of Taiwan) website.

Most participants have never been to Spain, so we decided to arrive early so that we would have time to appreciate and experience this beautiful country.

On July 18, we started off from Taipei, switched to another plane in Paris and finally arrived at Barcelona – the city of art. Barcelona, the second largest city in Spain, is located at the southwestern tip of the Iberian Peninsula facing the Mediterranean Sea. The 1992 Olympic Games were held there and it is also a home for artists. We headed first for the Foundation of Miro (la Fundació Joan Miró), established in 1975. There is a large collection of Joan Miro's artwork at the foundation, including 300 paintings, 150 statues and more than 7000 geographical sketches, which



President Tsong-Ming Lin signed a cooperative memorandum with President Justo Nieto Nieto of the Polytechnic University of Valencia, witnessed by Director Wei-Chung Wang of the Department of International Programs of the National Science Council.

gloriously show Miro's talents in art and technology. Also, we visited Geull Park (Parc Geüll), including the guardroom. We also viewed the wavy chairs, the fairs and the open parks etc., all of which were created by Gaudi. It could be counted as a world spectacle, for the individual design and colorful ceramic tiles endow his architecture with infinite vitality, which we found fascinating. After dinner, we went to watch a notable Flamenco dance to experience the passion of Spain. The next day, we made a visit to the top of Mt. Montjuic, one site of the 1992 Olympic Games, and with a beautiful view of the Barcelona harbor. Then, we went to the Museum of Picasso and the collection there is filled with Picasso's paintings as a young painter. Later, in the afternoon, we viewed a well-known Spanish bullfight show and wandered along the Boulevards (Las Ramblas). Then, we drove to Valencia, a city near the Mediterranean Sea, and then on to the school which sponsored the conference – the Polytechnic University of Valencia (la Universidad Politecnica de Valencia).

The Polytechnic University of Valencia has three campuses: the Valencia Campus, which is the principal one, the Gandia Campus and the Alcoy Campus. Now they have 35,000 students, 2,400 professors and researchers and approximately 1,600 administrative staff. Their colleges, including Construction, Civil Engineering, Industrial Engineering, Information Management, and Design etc., obviously lay much attention on engineering. The College of Design is rather characteristic of the university, and the dean of the College of Design took on the deputy executive chairmanship of the 2003 ICEE.

During the afternoon, we borrowed a place from the spon-

soring unit and held a meeting, which Director Wei and Vice-minister Lu presided over, for the discussion about the "Worldwide Chinese Conference of Engineering and Technological Education", which will be held next year by National Chung Cheng University. During this meeting President Lo of National Chung Cheng University gave a report on their preparations. In the evening, the Polytechnic University of Valencia arranged performances of Spanish folk dances, performed by their students to let the participants experience Spanish culture.

The next day, the conference was formally inaugurated. At the invitation of the sponsor, Director Wei delivered a monographic speech to this plenary session, introducing the development and the prospects of the engineering education of Taiwan. Then the presentations of the papers went on in serial order.

There were a total of 327 papers from all over the world presented in this conference. The number of papers from Taiwan numbered about thirty, and was the most of any country in Asia.

The focus of our papers was on the major plans of the MOE for improving scientific and technological education. Also, one of our representatives, Professor Huey-Yun Yu presented her paper on creativity for invention. The papers published in this conference covered 18 fields such as estimation to learning, online teaching, cooperation between industry circles and academia, development of manpower and international cooperation, etc. The field that the conference attached most importance to, and the purpose for our attendance, was the accreditation of engineering education. The papers from America, Poland, Hungary, Spain, and Australia all discussed about how to build up a accreditation system and practice it. This would be a great aid for when we take part in ABET (Accreditation Board for Engineering and Technology) in 2005.

In order to deepen our understanding of engineering education in other countries and to seek opportunities for mutual cooperation in the future, after the conference, presidents of various universities of the delegation, arranged by Director Wei-Chung Wang of the Department of International Programs of NSC, started to pay their courtesy calls on the officers of the Polytechnic University of Valencia and the principals from Poland, Puerto Rico, The Czech Republic, Russia, etc. Both our President Lin and President Lo of National Chung Cheng University talked cheerfully with the president of the Polytechnic University

of Valencia, so they immediately decided to go further to sign a memorandum for further cooperation. The content of the memorandum is primarily related to the exchange of professors and students: 5 students will be chosen in each university, and in order to encourage students to make the exchange, they will be allowed to study in the other university for one year only, with their full payment to the original school. Besides, President Lin represented our Design College to consummate an agreement with the Design College of the Polytechnic University of Valencia for future cooperation. Moreover, President Lin invited the president of the Polytechnic University of Valencia to our school and expects that he will make a visit in November this year. Next year in March, in Valencia, a workshop will be held relating to design.

The achievements for this attendance were fruitful. Because of President Lin's efforts, we gained these rare opportunities for international academic exchanges. After a sequence of publishing papers and delivering speeches, the five-day conference came to an end. Comprehensively speaking, in this conference, the high attention to the quality of engineering education had been received from the participants; therefore, how to establish a standard to practice the accreditation of engineering education, which could not only ensure the quality of education but also raise students' competitiveness in job markets or for advanced study, should be the focus of each related college and should be the trend with the coming internationalization.

## Exchanges between NYUST and In-House Multimedia Academy



Dean Hsieh of Academic Affairs inaugurated the press conference of the "Commencement and Accomplishment Exhibition of the College of Design".

Dean Huey-Lin Hsieh and Director Chyan-Jian Lee of the In-House Multimedia Academy, during their stay in Taiwan from the fifth of May to the fifteenth of May, attended the press conference of our "Commencement and Achievement Exhibition of the College of Design", and signed an "Exchange Program". Formally, the two universities agreed to push academic exchanges reciprocally.



Dean Huey-Ling Hsieh of Academic Affairs (on the left) of the In-House Multimedia Academy, Malaysia, signed the "Agreement of the Credit-Transferring United System".

Actually, the academic exchanges between Taiwan and Southeastern Asia have been in existence for decades; many students of Chinese origin from Southeastern Asia have come to Taiwan for study. To respond to the "Southward Policy" of our government, the Ministry of Education, in March 2003, entrusted NYUST with making the plan for holding the overseas exhibitions of technological and vocational education in Taiwan. After our preparation for one year, the plan finally bore fruit with the "2003 Taiwan Education Exhibition of the Universities and the Colleges of Science and Technology", held from February 27 to March 8 in Kuala Lumpur and Penang in Malaysia. 29 technological universities and institutes participated in this exhibition. We promoted the 27 institutes among them to sign cooperative memorandums with 11 local schools. This will increase the opportunities of academic cooperation in the future, and moreover, attract foreign students to study in Taiwan.

During the education exhibition, we found that many institutes are interested in building up closer cooperative relationships with us. Among theirs, we invited some of their representatives to visit NYUST in Taiwan.



Dean Hsieh presided at the inauguration of the press conference for the "Commencement and Achievement Exhibition of the College of Design".

For the invitation, Dean Hsieh of Academic Affairs and Chairperson Li, representing the In-House Multimedia Academy, arrived at the press conference of the "Commencement and Administration Exhibition of the College of Design" on the morning on the sixth of May; also, Dean Hsieh presided at the inauguration of the exhibition. Though the day was hot, the two honored guests always wore smiles. They were accompanied by Chairperson Chang-Franw Lee, Chairperson Chih-Kao Nieh, Chairperson Shing-Sheng Guan, Chairperson Bor-Wen Cheng, Chief Hui-Ling Huang and Dr. Weihwa Pan etc. to attend the exhibition of the graduates' works from the Department of Industrial Design, the Department of Space Design, and the Department of Visual Communication Design. We also exhibited students' works from the In-House Multimedia Academy to further the exchanges between the two schools. During the visit, our guests repeatedly praised the works and our beautiful campus. On the sixth of May, President Lin presided at the signing ceremony for the agreement for cooperation in our International Conference Hall at 2 o'clock. President Lin delivered a speech and mentioned to our guests, that this exchange activity would not only promote the cooperative relationship between both schools but also help to further establish an access to the cooperation between NYUST and other academic institutes in Southeastern Asia. The ceremony, with simplicity and solemnity, went smoothly and, witnessed by school officials, we finally signed the "Agreement for Credit-Transferring United System". In the future, we will do our best to proceed with the Credit-Transferring United System, mutual visitations, the dispatch of the teachers of the two schools for short-term courses and the sharing in the materials of the two libraries.

In the following two days, the two guests, accompanied by Director Hui-Ling Huang of the Center for University Development, Dr. Sheng-Ming Hsieh of the Department of Visual Communication Design and Dr. Weihwa Pan of the Department of Business Administration, headed for Beikang and Sun Moon Lake etc. to experience the local culture and customs. Besides, in order to let our guests have a deeper understanding of our teaching, Dean Huey-ling Hsieh arranged to audit Prof. Ij-En Chiu computer multimedia class on the thirteenth of May. The next day, Dean Hsieh left NYUST, and the activities associated with this visitation finally ended.



Dean Huey-ling Hsieh attended the exhibition of the works from our graduates of the College of Design and was arranged to audit in Prof. Ij-En Chiu's computer multimedia class.

## Yun's Beauty Photography Contest

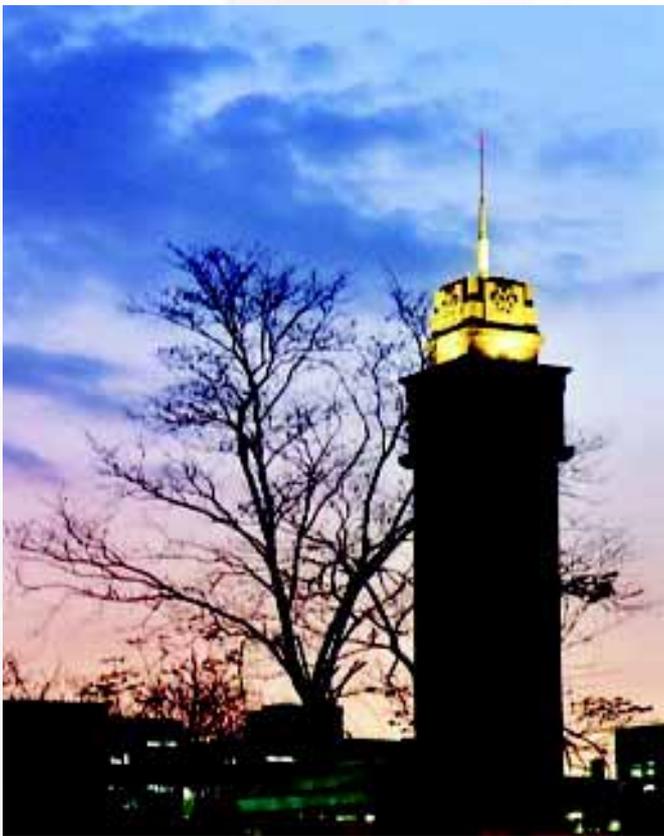
National Yunlin University of Science and Technology's Photography Club finally chose winners to its 12<sup>th</sup> annual "Yun's Beauty Photography Contest". Photographs from this year's competition show the colors and change of the seasons, as well as the beauty of our campus.

Every year, we make some stunning discoveries in these photos. There were about 150 photographs entered in the contest. The subjects of the photos include the Guanyun tower, the auditorium, the library, the swimming pool and

Yun-meng Lake. Each work was a surprise.

It is a difficult job to pick out masterpieces from more than 100 works; therefore, the Photography Club invited experts from inside and outside the school to serve as judges. They selected a gold, silver and bronze medal winner respectively as well as 9 photographs rated as "first-rate" and 20 as "excellent".

The Photo winning the gold medal was "The New Land Mark of NYUST", taken by Chia-Hung Chen of the Department



The gold medal winner



The bronze medal winner



The silver medal winner

of Electrical Engineering, the president of the Photo Club, who combined a beautiful dusk scene with our newest construction – the Guanyun tower.

The photo winning the silver medal was "The Beauty of the Library", taken by Joung-Chieh Tang of the Department of Electrical Engineering. In his photo, the treasure-house of knowledge under the blue sky is remarkable.

The photo winning the bronze medal is titled "Vigorousness", taken by Tzu-Chao Lin of the Department of Construction Engineering. The expressions of the teachers and the students who participated in the 2003 Morning Marathon are

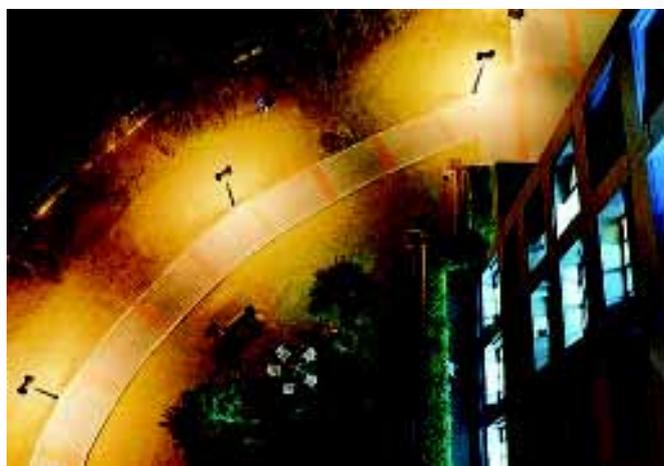
The photos of this year's contest are posted on the Photo Club's webpage at <http://photo.yuntech.edu.tw>. All are welcome to visit the website and view the photos.



Honorable mention -- "The Costume March of the Department of Visual Communication"



Honorable mention -- "The Auditorium for Commencement"



Honorable mention -- "The Pavement near the Dormitory"



Honorable mention -- "The Corner of the Campus"



Honorable mention -- "A Team Competition in an Outdoor Bazaar"



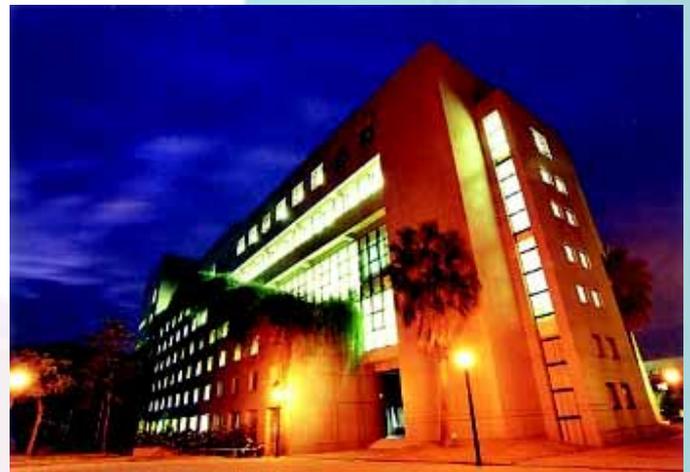
Honorable mention -- "A Tug-of -War in a Sports Meet"



Honorable mention -- "The Swimming Pool"



Honorable mention -- "The Splendid Night Inauguration of the Sports Meet"



Honorable mention - "The Outward Appearance of the Library"

### "Art against SARS" – Musical and Artistic Banquet

In the springtime, all Gods' creations experience a refreshing baptism. Have you noticed our lotus pool? The delicate and charming images of the lotuses have woven themselves into beautiful scenes. The refined disposition of the "lotus out of silt" has been sung by many poets.

During the spring and summer of 2003, while the lotus were flourishing, Taiwanese were suffering from SARS. We, the top among schools in Yunlin County, invited famous artists and violinists both from Yunlin County, and from inside and outside the country to our "Art against SARS" activity, held by the Art Center, which is administered by our library.

With the combination of painting and music, we stuck together to pray for the patients infected with SARS and the medical personnel taking care of them. The whole activity was meant to purify and beautify the soul.



The violinist Chen Huan-ho (recently returned from Austria) and musicians of our school performed in the "Art against SARS" promenade concert.

That day, Principal Tsong-Ming Lin, in person, inaugurated the activity, which was hosted by Chuen-Min Huang, Director of the NYUST Library and I-Liang Wang, Director of the Art Center. We invited the renowned artists I-Chung Chiang, Cheng Chen, Huey-Fen Kao, Ching-Hui Huang, Hsiao-Teng Liu and Cheng-Chieh Lin; the eminent violinists Heng-Ho Chen, Chia-Wen Huang, and Vnukov Wilhelm, who is a German; and the well-known pianists in Yunlin County and the brothers Shu-Hao Hsu and Ting-Chia Hsu to this gathering. This musical and artistic banquet beside the lotus pool drew hundreds of people, including teachers and students on campus and our foreign guests. As soon as the artists finished their paintings, in which the lotus pond was set as their background, they displayed their works right beside the pond, accompanied with beautiful music.

In addition to appreciating the beauty of lotuses, guests



Beautiful images of lotuses as painted by renowned artists of Yunlin County.

and artists alike enjoyed this art and music banquet together, and also prayed and blessed the heroes and heroines in their struggle against SARS.

In this battle against SARS, we experienced the holiness and the purity of these blossoms, praised the miracle of God and prayed that the storm of SARS would leave as soon as possible.



President Tsong-Ming Lin addressed the participants of the activity

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