

2001-07-11

International Conference on Engineering Education ICEE 2005 Gliwice/Krakow Proposal

Motivation – why we believe that Gliwice and Krakow are good places for hosting ICEE-2005

- The ICEE-2005 is about modern engineering education – in Silesian University of Technology we teach almost all engineering related courses and we are involved in important domestic and international initiatives aiming at teaching engineering by modern means, that is remotely, using computer and telecommunication networking, multimedia components, the most advanced information technology services;
- The ICEE-2005 is about meeting professors from various countries, making new contacts, discussing the current results of co-operation in education and research, planning new multi-partner education and research initiatives – in Silesian University of Technology we have put the highest priority to internationalization of our teaching and establishing close contacts with teachers and researchers from other countries universities, in the last three years the number of students and teachers exchange with abroad universities has grown considerably, the same concerns the number of multi-university research oriented applications; we are the most consistent with the iNEER/ICEE policy at this point;
- We treat the iNEER/ICEE co-operation initiatives the most seriously, as the Silesian University of Technology we have increased considerably during the last three years the number of our partner universities in Europe, USA and other countries, also in unusual trilateral initiatives like the one including USA, Czech Republic and Polish universities; our distinguished representatives took part in several previous ICEE conferences and work in the ICEE Steering Committee, from the all four Rectors of our University three are attending the ICEE-2001 conference in Oslo and the fourth Rector could not attend but is the co-author of paper for ICEE-2001 – we cannot be more serious in Gliwice about ICEE;
- The last very successful ICEE Conference was held in this region of the world – Central Europe – in the year 1999, we believe that after 6 years, in 2005, it is a good time to consider assembling the iNEER/ICEE community once again in this part of the world;
- Gliwice and Krakow are placed in the very interesting southern region of Poland, full of the most interesting architecture masterpieces, beautiful Beskidy mountains of medium size and high Tatra mountains with picturesque mountain rivers and lakes, with numerous higher education and research institutions as well as many large industrial companies and small and medium industrial enterprises; we believe that this place is a unique mixture of the mentioned components and could be interesting for the iNEER/ICEE people;
- Summing up – we are the most determined to apply for ICEE-2005 as we see it extremely beneficial for our university and our region, we believe that we are

good place for hosting ICEE-2005 and could gather many colleagues from iNEER/ICEE community who could find this conference also the most beneficial for maintaining and extending their co-operation contacts.

a. Name of Conference:

ICEE-2005: Global Education Interlink.

b. Proposed Conference Emphases/Themes.

The conference will be devoted to various aspects of future cross-regional collaboration efforts in engineering education and research. The conference will focus first of all on the following topics:

- open and distance learning,
- multimedia teaching tools,
- current trends in engineering education,
- internationalization and globalization of engineering education,
- collaboration between universities and industry,
- internetworking in education ,
- research and development links,
- role of engineering education in information age,
- biotechnology and environmental protection.

c. Dates and Location of the Conference.

The conference hosted by Silesian University of Technology will be held in Gliwice and Krakow from 8th August 2005 and 12th August, 2005. The conference will include regular sessions with oral presentations, global and technical sessions, panel discussions and poster presentations organized in Gliwice on 8-10th August, 2005, followed by post-conference workshop in Krakow on 11-12th August, 2005. The proposed dates conform to the standards and tradition of previous ICEE conferences and fit perfectly to the summer break in the education cycle at Silesian University of Technology which makes it possible to use fully the facilities of the hosting universities in Gliwice and Krakow for ICEE-2005 purposes.

d. Proposed Theme, Venue, Dates and Arrangement/Responsibilities and Timeline for Drafting Report and Recommendations for Post-Conference International Workshop.

The post-conference international workshop will be held in Krakow, on 11-12th August, 2005. It is proposed that the main workshops themes include the problems of environment protection, energy conservation and sustainable growth, telecommunication, computers and networks for control, virtual laboratories. Details concerning the workshops themes and organization will be delivered in future updated versions of the ICEE-2005 call for papers.

e. Plans for Publication of Proceedings (hardcopy, CD-ROM or WWW-based).

The proceedings will be published on CD-ROM, well before the conference the ICEE 2005 Gliwice/Krakow WWW site will be opened, the site will also include the full PDF version of the proceedings after conference. At present it is not planned to publish neither the conference papers nor abstracts in printed form.

The Organizing Committee will work thoroughly through the ICEE 2005 contributions and will propose the authors of several papers to prepare the appropriate versions for publication in the leading journals on the conference subjects. The Silesian University of Technology is involved in editing several journals of related scope, including the Archives of Control Sciences journal, which would make it possible to prepare special issues on topics covered by several outstanding papers to be presented during the conference.

The Organizing Committee would also consider the possibility of publishing especially coherent and valuable groups of papers in the form of books. In this case the Organizing Committee will assist the authors in the tasks of finding proper editors, the publishers and promoting the books.

f. Proposed Schedule (See Following Suggestions)

- 1-1/2 year prior to Conference (February, 2004)
Mail out first Call for papers.

- 1 year prior to Conference (at preceding ICEE, Florida, August, 2004):
 - Distribute brochures about Conference on site
 - Mail out second Call for papers

- November-December of prior year: mail out reminders /third Call for papers (December, 2004)

- During year of Conference:
 - January 15: Abstracts due date.
 - February 28: Notification of acceptance.
 - April 15: Camera-ready manuscripts due date.
 - May 15: Registration materials and hotel information mailed.
 - June 30: Early-registration deadline.

g. Hosting Institution(s) or Organization(s), including letter of endorsement and commitment from the head (President, Rector, Chancellor or individual of equal responsibility) of the institution.

The main part of the Conference will be held in Gliwice, Poland, the main hosting institution will be the Silesian University of Technology, Gliwice, the premises of the Silesian University of Technology will be used for the Conference plenary sessions, working and panel sessions as well as working discussions. The proper letter of endorsement and commitment from the highest authorities of the Silesian University of Technology is included with this proposal and is reproduced below.

Gliwice, 05.07.2001

Win Aung Ph. D., P.E.
General Secretary of ICEE

Dear Professor,

Herewith I kindly inform you that Silesian University of Technology has begun applying for organization of International Conference on Engineering Education ICEE 2005 in Poland.

The ICEE conference which has been being organized since 1994 in various worldwide countries has never been organized in Poland, although employees of SUT have actively participated in previous conferences as well as in the activities of ICEE conferences' Steering Committees.

We have applied for financial support from budget to our Minister of National Education and also to the Committee of Scientific Research in aim to aid organization of ICEE 2005 conference.

We are going to apply to sponsoring institutions from industry of our region for financial recourses, because organization of the conference has stimulating influence for both dissemination of information and establishing contacts leading to common undertakings having positive impact on organizer's country development.

As Rector of Silesian University of Technology I confirm financial and organizing input of my University to organization of ICEE conference which according to the plans will be held in 2005 in Gliwice & Cracow.

With kind regards, I remain

Yours sincerely,


Prof. Bolesław Pochopiń
Rector of Silesian University of Technology



h. Proposed Conference Chair or Co-Chairs and Discussion of Past Experience and Qualifications.

It is proposed to include among the persons responsible for the Conference organization the Conference General Chair, Organizing Committee Chair, Program and Scientific Chair and Co-Chairs.

Dr Jerzy Moscinski will take the role of Organizing Committee Chair and will be responsible for the general Conference related activities. Dr Moscinski is the Representative of the Silesian University of Technology Rector with respect to International Cooperation. His duties at SUT include also the coordination of several European Research and Development Programs, European Collaboration Programs, international students' and teachers' exchange, USA-Czech Republic-Poland Research Collaboration initiative and other. Dr Moscinski's professional experience and specialization concern the field of control and identification, computer controlled systems, computer networks and artificial intelligence.

Other Chairs and Co-Chairs will be taken by the highest authorities of the Silesian University of Technology.

It is proposed that one of the General Chairs roles will be taken by Prof. Wojciech Zielinski from the Silesian University of Technology. Prof. Zielinski is currently the Vice-Rector for Education of the Silesian University of Technology, he is also the member of the ICEE Steering Committee and participant of several previous ICEE conferences. Prof. Zielinski scientific background and current research interests include several aspects of Chemistry and Chemical Engineering, with an outstanding record of publications. Prof. Zielinski has the position of Vice-Rector for Education for the last 5 years and during this time he had several opportunities for successful organization and management of numerous meetings, seminars, workshops and conferences of various size. Taking into account the exceptional experience of Prof. Zielinski in the field of research, education and organization he is the perfect candidate for chairing the ICEE-2005 Conference in Gliwice.

It is also proposed that one of the General Chairs responsibilities will be taken by Prof. Remigiusz Sosnowski from Silesian University of Technology. Prof. Sosnowski is currently the Vice-Rector for Research of the Silesian University of Technology and has been taking this position for the last 5 years. Prof. Sosnowski has an outstanding record of publications in the field of Metallurgy and Material Sciences, he has won several important research grant competition which resulted in important research results and technologies. Prof. Sosnowski is an active member of the ICEE community and has attended several previous ICEE conferences. Prof. Sosnowski has initiated several contacts between various USA universities and research oriented bodies and Silesian University of Technology, also including partner universities from the Czech Republic. Taking into account his record of

activities, professional profile and experience in organizing and managing domestic and international collaboration events, Prof. Sosnowski is the perfect candidate for chairing the ICEE-2005 Conference in Gliwice.

i. Introduction to the Hosting Institution(s).

The Silesian University of Technology (Politechnika Slaska) will be honored to host the ICEE 2005 Conference. With its main base in Gliwice in the Upper Silesia region, this University has been playing one of the most important roles in the engineering education in Poland since its beginning in 1945. The Silesian University of Technology based in Katowice was founded pursuant to the decree of the President of the National People's Council dated May 24, 1945, following long-lasting efforts to establish a technical university in the district of Upper Silesia undertaken since the late 1920s. The final decision to transfer the university seat from Katowice to Gliwice was announced in March 1946. The basic aim of establishing the technical university in the heart of industry dense region was threefold: (1) to provide the industrial enterprises with especially well educated technical and management staff, (2) to enable the enterprises to find solutions to their research oriented problems by means of cooperation with researchers groups from the Silesian University of Technology, (3) to give the Silesian University of Technology research staff a unique opportunity of testing their research concepts in the way of cooperation with numerous and versatile industrial enterprises in the region.

Today the SUT is a self-governing state university offering various engineering courses (leading to BSc, MSc and PhD degrees) at 11 basic faculties based in Gliwice, Zabrze, Katowice and a subsidiary Engineers' Education Center in Rybnik. Employing over 2200 academics, the University trains almost 28,000 day-time students and offers also evening and extramural courses. Industry of the whole country and in particular branches presented in Upper Silesia region benefit from our graduates and from the research work carried out here. Thanks to the wide co-operation with other educational and research institutions all over the world, including vivid participation in many international programs and staff & students exchange with many academic centers, the Silesian University of Technology is one of the leaders in the field of engineering education and research in Poland with wide recognition abroad.

The Silesian University of Technology has 11 faculties. Nine of them are located in Gliwice. The Faculty of Materials Science, Metallurgy and Transport is in Katowice (25 km from Gliwice), and the Faculty of Organization and Management is in Zabrze (10 km from Gliwice). All faculties at Silesian University of Technology are like follows:

- Faculty of Architecture,
- Faculty of Automatic Control, Electronics and Computer Science,
- Faculty of Civil Engineering,
- Faculty of Chemistry,
- Faculty of Electrical Engineering,
- Faculty of Mining and Geology,
- Faculty of Energy and Environmental Engineering,
- Faculty of Mathematics and Physics,
- Faculty of Mechanical Engineering,
- Faculty of Material Science, Metallurgy and Transport,
- Faculty of Organization and Management.

Typical they studying at Silesian University of Technology lasts 5 years and the courses are run in Polish language and exceptionally in English language. Entrance conditions include: secondary school certificate, one year preparatory course of Polish language for the abroad applicants, health certificate.

There are several interfaculty units in the structure of the Silesian University of Technology including among other the following ones:

- Central Library,
- Publishers of the Silesian University of Technology,
- Foreign Languages Teaching Center,
- Sports Center,
- Geometry and Engineering Graphics Center,
- Research Center for Teaching Techniques,
- Career Guidance and Student Promotion Center,
- Computer Center.

It should be pointed out that the main aims of the Silesian University of Technology operation are now very similar to the ones mentioned above and formulated at the time of establishing the Gliwice University. The main point of the mission of the Silesian University of Technology is to be one of the best technical

universities in Poland. The achievement of this aim is measured by means the number and quality of students as well as taking into account the activeness and successful examples of cooperation with industrial enterprises, especially with the ones operating in the Upper Silesia region. Therefore the strategic development plan items for the Silesian University of Technology could be formulated as follows: (1) the University staff should constantly improve the quality of their research capabilities in order to become more and more successful in winning the domestic and international research oriented grants and to better serve the region-based industrial enterprises with respect to their research-oriented problems; (2) the realisation of item 1 would enable the teachers/researchers groups to initiate and maintain close cooperation with leading European and other universities and research centers thus making it possible to develop joint work on research problems as well as exchange of staff between cooperating institutions; (3) the realisation of items 1 and 2, together with the adoption and bringing to operation the quality control system in the university, would result in constantly growing popularity and confidence in the quality of the Silesian University of Technology teaching activities among young people in Upper Silesia region and potentially other regions of Poland.

The strategic development plans formulated above included the need for establishing close contacts with European, USA and other countries universities with respect to research and teaching groups cooperation. The authorities of the University believe that such international contacts should be maintained and broadened with at least the following three aims in mind: (1) the researchers groups from cooperating universities would be involved in the realisation of research projects, especially the ones involving the industrial enterprises from the Upper Silesia region; (2) there will be the exchange of teachers between cooperating universities thus making it possible to improve the contacts between the teachers from different countries universities which in turn would make it possible to work on the common curricula and special seminars and summer schools and prepare the ground for students exchange; (3) there will be a constantly growing exchange of students between cooperating universities thus enabling the students to become more open-minded with respect to university studying and living out of Poland; such exchange would also improve the popularity of the Silesian University of Technology among young people in the Silesia region and possibly cause that there will be better students at Gliwice University, better PhD students, better research workers, more

successful grant winners, more successful research groups working on industry originated problems. All above arguments justify the fact that the internationalisation of the Silesian University of Technology is one of the most important aims in Gliwice. It should be also mentioned that Polish National Strategy for integration with other countries assumes growing role of science and education in that process. Therefore it is the basic element of the University strategy to promote collaboration between Silesian University of Technology and Members States universities in the field of education, research and development as well as vocational training.

The Silesian University of Technology makes every effort to ensure that any possible additional grant for the realisation of the internationalisation cooperation would be obtained. Several activities concerning the international cooperation are funded through the central budget of the University for which the main source of funds is the State Committee for Research. The amount of money granted to the University faculties depends heavily upon the staff activity with respect to making research and publishing their results by means of books and journal papers. Various activities concerning international cooperation are funded through the grants allocated by the State Committee for Research with respect to successful Silesian University of Technology applicants. There are also examples of funding the cooperation by means of European Research Programmes grants as well as Preparatory Grants awarded by the Polish State Committee for Research with respect to research groups that are preparing their 5th and 6th Framework Programme application.

The University is also successful in obtaining funds from local Upper Silesia authorities as well as from regional industrial enterprises. This is the policy of the Silesian University of Technology to increase the number and importance of such international cooperation funding resources.

j. Introduction to the Hosting City/Region.

The Conference will be held in southern Poland, situated in the heart of Europe forms an open bridge between the East and the West. Poland and its people are keen on new perspectives and opportunities of better life – both professional and private ones. This includes also our big interest in new trends in engineering education, new technologies and research work.

Gliwice is an old town dating back to the XIII century. Located almost in the middle way between Wroclaw and Krakow, almost on the edge of the most industrialized parts of Upper Silesia, it is a nice academic town with 220.000 inhabitants. It may be reached easily from main Polish cities and from the neighboring Czech Republic as well. With its long interesting history, high intellectual potential, effective city management system and nowadays' policy open to education, research and investment, Gliwice is on the top of the list of Polish cities being the most interesting for new investments.

Gliwice used to be a capital of small duchy of Gliwice. In 1596 the town bought the civic rights from the duke and became a free royal town. It was possible due to great income from famous local brewery that existed here in those days. In the end of 18th c. the town became a big metallurgic and industrial center.

After the Upper Silesia was divided into Polish and German parts (in 1921), the town became unofficial capital of the German part. Nearly everybody heard the story about local broadcasting station: The Nazi's soldiers dressed in Polish uniforms attacked and captured the station, and broadcasted a message in Polish. It happened on 31st of Aug 1939, just as a pretext to begin the II World War

Gliwice is situated on the western border of the Upper Silesia, by the Klodnica River. It comprises an area of 134 square kilometers and is the greenest city in the Upper Silesian Conurbation - parks and green sites constitute 12% of the area of the city. The location of the city on the junction of important routes is a great advantage. It greatly influences the development and attractiveness of Gliwice. Gliwice is a city of young people. Over 132 thousand out of 213 thousand inhabitants are between 18 and 59 year old. The city may be proud of a great potential of people with higher and secondary education, especially technical. It is not a coincidence that many new technologies and designs - utilized not only in Poland but also abroad - come from Gliwice.

A process of restructuring of heavy industry and closing down unprofitable companies have not disturbed the decreasing tendency of the unemployment rate in the city during the last few years. Local authorities create favorable conditions for establishing new jobs, as well as for education, supplementary education, or changing people's qualifications. They achieve it through the pro-investment policy and a continuing co-operation with local organizations supporting small and medium-size businesses, like Employment Assistance and Professional Orientation Bureau

for Gliwice, Zabrze, Knurów, and Pyskowice, Silesian Entrepreneurship Development Foundation, and Regional Chamber of Industry and Commerce.

A business incubator was created within the structures of Local Development Agency (earlier functioning under the name of Gliwice Economic Development Agency). In 1998 the organization gathered 26 business in newly modernized office building. The incubator, apart from low rents and full access to phone lines and Internet connection, provides the companies with administration, office, accounting, legal, promotion, and marketing services. It also organizes training courses on running businesses and provides access to conference rooms.

The most important scientific center in Gliwice is the Silesian University of Technology. Gliwice is also proud of its numerous research institutes, which develop new technologies and solutions.

Krakow, the old capital of Poland is one of the most famous and glorious towns in Europe for its historic and architectural values. In September 1978 Krakow together with the nearby salt mine Wieliczka was placed on the list of the first twelve major historic sites in the world by the UNESCO World Heritage Committee session held in Washington. Krakow, one of the oldest and most beautiful cities in Poland, its former capital and the cultural capital of Europe in 2000, is located in the neighboring region of Malopolska (Little Poland). This beautiful city, often called a “pearl of Renaissance“ still plays the role of Polish cultural and artistic center. Its fascinating atmosphere and rich culture work like a magnet to everybody visiting Poland.

The most interesting, and regarded as the highest class of historic and architectural buildings are: the city center - the medieval old town in the boundaries of the Planty, Wawel Hill, the Florian Gate with the Barbican and the remains of the city walls, St. Mary's Church, the Cloth Hall, the Town Hall Tower, Collegium Maius, St. Anne's Church, Church of St. Peter and St. Paul, Church of St. Catherine with the Augustine convent and the church and hermitage of the Camaldolese monks in Bielany. All together Krakow has some 6,000 historic buildings and monuments and holds Poland's largest collection of works of art which is estimated at about 2.3 million items in museums, churches, monasteries and private collections. In Krakow there are 39 museums, 74 art galleries, 7 theatres, 19 cinemas, a Music Theatre of Opera and Operetta and a Philharmonic Hall. Each year many national and international cultural events take place in Krakow. Krakow is an important center

of education and culture in Poland. The first Polish University, Jagiellonian, was founded in 1364 in Krakow.

Krakow itself is equally popular and impressive: a city that ranks with Prague and Vienna as one of the architectural gems of Central Europe, with an old town which retains an atmosphere of fin-de siecle stateliness. A long-time university center, its streets are a cavalcade of churches and aristocratic palaces, while at its heart is one of the grandest of European squares, the Rynek Glowny.

Krakow is also a starting point for many possible excursions to very attractive places of interest nearby. To name a few places, the Salt Mine in Wieliczka, Oswiecim, Ojcow National Park, Tyniec. Staying in Krakow gives an easy opportunity to make a one day trip to Zakopane - the famous tourist site in the Tatra Mountains and to the Dunajec Gorge.

In town the municipal transport consists of buses and trams. There are many taxi and radio taxi companies and a few minibus firms to add to it. Private transport in the center of Krakow is difficult due to zones with restricted car access or parking. To serve tourists during holidays a special horse tram, horse carts and electric car rides are provided in the Old Town. In most cases there is opportunity to hire a guide.

The ICEE-2005 Conference is going to take place in August, 2005. This is the time in Poland that is supposed to be the middle of very nice summer weather, with temperatures around +25 degrees Celsius which is equivalent to +77 degrees Fahrenheit, a lot of sun and rather dry with occasional thunder storms.

The official currency in Poland is the Polish zloty (zl). The current exchange rate is about 4.5 Polish zloty to US\$ 1 (as for middle of 2001). There are numerous exchange offices ("kantor") located in the city centers, as well as in banks and hotels.

k. Comments on Conference Facilities.

Silesian University of Technology, Gliwice, is the third largest technical university in Poland, with almost 28,000 students this academic year. The University is therefore very well prepared to perform and conclude various challenging tasks concerning delivering lectures and organizing meetings during the Conference. The various size

halls of the Silesian University of Technology will be used as well various technical facilities necessary for efficient presentations – like overhead projectors, networked computers, video-projectors.

It is proposed that main working sessions, including the plenary sessions, regular lecture sessions as well technical sessions, possible poster sessions and panel discussions will be held in the premises of the Silesian University of Technology in Gliwice. Most faculties of the Silesian University of Technology are placed in Gliwice campus, very close one to the other, which makes it easy to perform simultaneous sessions during the conference with the possibility of changing the sessions being attended by people interested in various aspects covered by the ICEE-2005 presentations.

There is currently the largest set of lectures halls under construction in the Silesian University of Technology, within the Faculty of Mechanical Engineering. The halls will be ready well before the proposed dates for ICEE-2005 and the largest hall would enable for simultaneous hosting of up to 500 guests, which could well serve the ICEE-2005 plenary, opening and closing sessions.

There are several modern lecture halls at the Faculty of Automation and Robotics, Electronics and Communication and Computer Sciences, some of them finished only the year ago. All lecture halls are well prepared for hosting ICEE-2005 authors and audience with all necessary technical, audio-video and computer facilities.

Several large and modern lecture halls and seminar halls suitable for running e.g. panel discussions are possible to be found in the Faculty of Mining and Metallurgy, which shares the building with the Rectorate of the Silesian University of Technology. Once again it should be stressed that all three mentioned faculties are very close one to the other in the Gliwice campus.

There are two very large students and staff canteens in the Gliwice campus of the Silesian University of Technology, close to the faculties buildings and students' dormitories. It is proposed that lunches and special common meetings will be held in the above mentioned canteens thus making it another possibility for the perfect socialization of all ICEE-2005 participants.

Gliwice is the town of approximately 220,000 inhabitants in the Upper Silesia region with more than 3 millions of people in the central part of it. There are more than 20 hotels in Gliwice of various sizes, standards and prices. In general hotel

prices in Poland are not high and typically in the year 2001 should not exceed significantly \$50 per person per night, and could be significantly lower. There are much more hotels in the neighboring towns in the Upper Silesia, especially in Katowice, the capital city of the region, which is only 35 km away from Gliwice.

There are numerous conference centers and comfortable hotels with full modern conference capabilities in Krakow, which also hosts several famous and best Polish universities, including among other Jagiellonian University and Academy of Mining and Metallurgy. Depending in the number of interested participants and the number and topics of the proposed technical post-conference workshops, the appropriate conference/hotel locations will be chosen and proposed to the participants as part of standard call for papers / conference registration dialogue.

I. Proposed Social/Cultural Programs and Technical Visits

Except all these key aspects of the conference and reasons of attending this event, the special social and cultural program will be offered to all interested participants and accompanying persons. The sightseeing of Krakow and visit to the magnificent Wieliczka salt mine nearby are foreseen as the tourist breaks. For those interested in country oriented trips we would offer a lovely visit to Polish Beskidy Mountains, including famous Wisla and Szczyrk resorts. Close to the Conference location there are Polish highest mountains – Tatra Mountains, with the town Zakopane – the capital city of winter sports in Poland and the competitor in the race for the Winter Olympic Games organization. Even closer to Gliwice one can find the extraordinary Pieniny mountains with the possibility of wild rafting along the Dunajec river and visiting the huge and magnificent Niedzica castle towering above the waters of the Czorsztyn Lake. Some shorter trips around Gliwice could result in the visiting of beautiful Renaissance castle in Pszczyna, medieval fortified castle in Bedzin, several interesting architecture pieces in Czestochowa and Wroclaw, as well as the famous and tragic places in Oswiecim (Auschwitz).

Krakow is a lovely town and former capital city of Poland which is full of monuments, beautiful castles, churches and other architecture masterpieces, the city of the world cultural heritage. It is proposed that during the post-conferences workshops the ICEE-2005 participants will have several opportunities for visiting the most interesting and breath-taking parts of probably the most impressive Polish town.

Concerning the more typical social/cultural events during the ICEE-2005 conference the organizers plan to arrange the conference banquet, the reception with the attendance of the town of Gliwice authorities as well as a conference concert.

There is a large newly built GM-Opel car factory in Gliwice and there are several Fiat car factories in the Silesia region, with good research and education connections with the Silesian University of Technology. It is assumed that during the ICEE-2005 conference the participants will have an opportunity to pay the technically oriented visit in these industrial enterprises.

m. Proposed Costs and Budget and Method of Funding, Including Voluntary Contribution for Support of iNEER/ICEE Secretariat, including Website maintenance (ICEE International Steering Committee Suggests Ballpark Amount of 25% of Conference Income Excluding Grants and Donations). This is promulgated by a memorandum of understanding (MOU) between iNEER/ICEE and the new host for the conference.

The proposed estimated conference budget is included below. Corporate sponsorship will be sought and will be used to offset costs of conference registration and professional tours.

Expenses

\$2,5 per coffee break x 8	\$20	per participant
\$15 per conference lunch x 5	\$75	per participant
\$25 per conference lunch x 5	\$125	per participant
Transportation	\$7,500	
Travel of SUT delegates to give status report	\$5,000	
CD-ROM proceedings	\$2,500	
Audio/visual equipment rental	\$3,000	
Conference services (professional and student assistance)	\$5,000	
Conference bag	\$0	donated by corporate sponsor
Representation and publicity expenses	\$4,000	
iNEER and ICEE/ISC support (including web site)	\$35,000	for 400 participants
	=====	
	\$150,000	for 400 participants

Income

Support from the Silesian University of technology and Government and Silesia Region Funding	\$10000	
Conference registration fee	\$350	per participant
	=====	
	\$150,000	for 400 participants

n. Proposed Dates and Sites for International Steering Committee Meeting for the Autumn Preceding Proposed Conference.

It is proposed that International Steering Committee meets in September, 2004, from 10th to 12th September or 2-3 weeks further, according to the Steering Committee Meeting members preferences. The members of the SCM will visit the proposed Conference related institutions in Gliwice and Krakow, as well as tourism and leisure oriented places nearby – like Szczyrk at Beskidy Mountains or Zakopane at Tatra Mountains.

o. Commitment by the Organizing Committee to Adhere to the ICEE Guidelines as Provided Herein, Including Any Reasonable Future Modification Thereto.

The ICEE 2005 Gliwice/Krakow Organizing Committee adheres fully to the ICEE Guidelines as provided with this document with all future reasonable modifications. An appropriate document, reproduced below for completeness, is included to the printed version of this proposal as being distributed among the ICEE Steering Committee Members, properly signed by the Organizing Committee Chair, Dr Jerzy Moscinski.

Gliwice, 11.07.2001

**Professor Win Aung, Ph.D., Dr.h.c., P.E.
General Secretary of ICEE**

Dear Professor Aung,

On behalf of the Organizing Committee of the ICEE-2005 Conference to be held in Gliwice and Krakow, Poland, organized by the Silesian University of Technology, Gliwice, Poland, I

confirm that the ICEE-2005 Gliwice/Krakow Conference Organizing Committee commits fully to adhere to the ICEE Guidelines as provided herein, in iNEER/ICEE Proposal Guide, including any reasonable future modification thereto.

Dr Jerzy Moscinski
Chairman of the ICEE-2005 Gliwice/Krakow
Organizing Committee
Silesian University of Technology
Gliwice, Poland

p. Proposed Call for Papers.

There are going to be three versions of Calls for Papers, distributed approximately 1-1/2, 1 and 1/2 year before the conference. The proposed format and contents of the calls for papers will conform to the standards for past ICEE Conferences, an early specimen is included below:

**International Conference on Engineering Education
ICEE-2005**

Gliwice, Poland, August 8-12, 2005

CALL FOR PAPERS

Global Education Interlink

Papers are solicited broadly on the subject of modern methodologies and techniques of education that make use of linking possibilities provided by means of computer and telecommunication networking in order to globalize the education process and thus enhance the possibilities of students and teachers exchange among universities all around the world. The fields of interest include but are not restricted to:

- open and distance learning,
- multimedia teaching tools,
- current trends in engineering education,
- internationalization and globalization of engineering education,
- collaboration between universities and industry,
- internetworking in education ,
- research and development links,
- role of engineering education in information age,
- biotechnology and environmental protection.

The conference emphasizes development of international partnerships in education and research and serves as a forum for establishing new contacts and discussing

new projects to work on in the future. For more information on iNEER, one of the principal sponsors of the conferences, visit: <http://www.ineer.org>.

IMPORTANT DATES:

- January 15, 2005: Abstract due/Submission address (online submission is possible through the ICEE-2005 website with a copy to the organizing committee chair; see below)
- February 28, 2005: Notification of acceptance
- April 15, 2005: Camera-ready manuscript due date
- May 15, 2005: Registration materials and hotel information mailed
- June 30, 2005: Early-registration deadline

Further information is available at the ICEE-2005 web site:

<http://www.ia.polsl.gliwice.pl/icee2005/>.

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