

The International Association for the Exchange of Students for Technical Experience



### The International Association for the Exchange of Students for Technical Experience

An independent non-governmental Organisation (NGO), with 83 Members and Co-operating Institutions in operational relations with UNESCO. The IAESTE name and logo are the registered properties of IAESTE, The International Association for the Exchange of Students for Technical Experience.

Founded in 1948 on the initiative of James Newby (1893 - 1978)

Established in 2005 as a registered, non-profit making Association.

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www.iaeste.org

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# Welcome



#### Dear Friends

What a difference a year makes! At the start of 2008 we were celebrating our 60th Anniversary and several months later the world changed as the economic global crisis hit and we are now living with the results. The areas that initially bore the brunt were financial, insurance, property but then traditional IAESTE areas like construction and manufacturing were affected and suddenly we lost placements as Employers in these fields were no longer in a position to commit to them. This is the first major crisis in the era of globalisation and it needs a global response. Despite the great diversity of our countries in IAESTE, most are facing similar problems with Company closures and rising unemployment. It is therefore important for all of our Members and Co-operating Institutions to be sensitive to the situation facing us as we continue to seek placements in this economic downturn. We know that students who have benefited from an IAESTE placement are equipped with new ideas, tools and visions, intercultural knowledge and competencies, new technologies, better communication skills with a sense of mobility and adventure. Employers value the IAESTE programme because it provides the evidence they are looking for in future Employees who have developed the skills and attitudes which they find valuable. These trainees will be the leaders of tomorrow in their own fields so we must weather the current storm and trust that things will improve in the months that lie ahead.

In spite of all this IAESTE managed to send 4579 students all over the world in 2008 and many International events took place which you can read about in this Review.

Our congratulations to IAESTE Members:- Austria, Poland, Tunisia and Ecuador for reaching significant Anniversaries in 2009 and thanks are due to all the Members and Co-operating Institutions for all their hard work on behalf of the students of the world.

As my term of office as General Secretary comes to an end in January 2010 I would like to take this opportunity to thank most sincerely all the Employers, both Industrial and Academic which have so faithfully supported the Programme over the years. Your contribution has been outstanding and of course we could not exist without you. I also express our appreciation to our Sponsors, Alstom and ABB for their support in these difficult times. A special thank you to all the countries in IAESTE which have hosted my visits and helped me promote this wonderful Association around the world. I wish my successor Mr Goran Radnović the very best as he leads IAESTE in the years ahead.

Pauline Ferguson General Secretary IAESTE A.s.b.l.



## Our Organisation

The International Association for the Exchange of Students for Technical Experience (IAESTE A.s.b.I) is an Association of National Committees representing Academic, Industrial and Student interests. Each National Office is responsible for the administration of the exchange in its own country.

The Association was founded in January 1948 at Imperial College, London, on the initiative of the Imperial College Vacation Work Committee. National Organisations of ten European countries represented at this meeting became Members and Mr James Newby was elected General Secretary. The geographical coverage was soon to spread to most of Europe and beyond, as new countries were admitted to Membership.

The Association became a registered body according to Luxembourg law at its General Conference 2005 in Cartagena de Indias, Colombia. It is a non-political, independent, non-governmental Organisation, in operational relationship with the United Nations Educational, Scientific and Cultural Organisation (UNESCO) and maintains consultative relationships with the UN Economic and Social Council (ECOSOC), the United Nations Industrial Development Organisation (UNIDO) and the International Labour Office (ILO).

IAESTE is also in contact with the United Nations Economic Council for Africa (ECA), the Food and Agriculture Organisation (FAO), the Organisation of American States (OAS) and the European Union (EU), as well as with other educational non-governmental Organisations.

National Secretariats and Committees make up the Membership of the Association. Each year the Annual Conference brings together the representatives of these bodies to decide issues of general policy and with the IAESTE Co-operating Institutions to carry out the exchange of Offers for training. Prior to the Conference, each Member and Co-operating Institution collects Offers from Employers willing to receive students from abroad for a temporary training and work experience period relevant to the students' areas of study, as a complement to their University or College education. The Companies or Institutions are expected to pay students a wage sufficient to cover their cost of living during the actual training period. The Offers of training are exchanged with other Members and Co-operating Institutions mainly on a reciprocal basis. Through their affiliated Universities and Colleges, Members and Co-operating Institutions select qualified students to meet Employers' requirements as outlined on the training Offer. Details of the selected candidates are sent to the Employers for approval.

Participation in the IAESTE exchange is open to bona fide students attending courses at Universities, Institutes of Technology and similar Institutions of Higher Education.

For further information about IAESTE please visit our website www.iaeste.org.

#### The Mission and aims of IAESTE

#### MISSION

To operate a high quality practical training exchange programme between Members in order to enhance technical and professional development and to promote international understanding and goodwill amongst students, academic institutions, employers and the wider community.

IAESTE operates irrespective of race, colour, sex or creed.

#### AIMS

To provide students in Higher Education with technical experience relevant to their studies.

To offer Employers well qualified and motivated trainees.

To be a source of cultural enrichment for trainees and their host communities.

### **Board Members**



**General Secretary:** Mrs Pauline Ferguson 2004-2010



Member: Dr Pulat Pulatov IAESTE Tajikistan 2008-2011



Member: Mr Gunter Müller-Graetschel IAESTE Germany 2009-2012



Member: Mr Thomas Faltner IAESTE Austria 2009-2010



Member: Ms Desanka Ichitrajkova IAESTE F.Y.R. Macedonia 2009-2010

### International Organisation

#### **GENERAL CONFERENCE**

The General Conference possesses full power to take formal decisions for the fulfilment of the Aims and approves the budget and regulations of the Association. It is composed of one delegate from each Full Member country. It elects the Board and the General Secretary and meets every year in January.

#### BOARD

The Board implements the Association's policy and decisions approved by the General Conference, initiates activities supporting the Association's policy in general and provides strategic direction to the Association. The General Secretary is responsible for the day-to-day management of the Association.

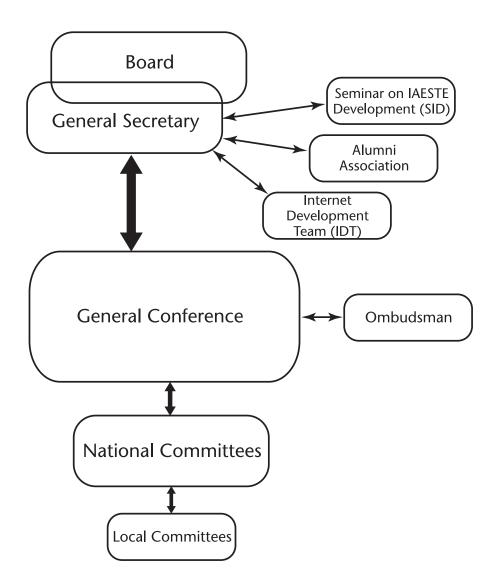
It is composed of the General Secretary and four elected members.

#### **GENERAL SECRETARY**

The General Secretary is elected by the Members to co-ordinate the daily administration of the Association and is a Member of the Board.

#### NATIONAL COMMITTEE

National Committees represent the Member countries and are composed of persons representing Academic, Industrial and Student interests.



# Representatives of the Board

to the UN and its Agencies

#### **NEW YORK (DPI)**

Mrs Pauline Ferguson General Secretary IAESTE A.s.b.l. P.O.Box 102 Banbridge BT32 4WY Northern Ireland

#### GENEVA

Mr Guenter Mueller-Graetschel IAESTE Germany DAAD Referat 225 Kennedyallee 50 53175 Bonn Germany

#### **NEW YORK (ECOSOC)**

Mrs Pauline Ferguson General Secretary IAESTE A.s.b.l. P.O.Box 102 Banbridge BT32 4WY Northern Ireland

#### **VIENNA (UNIDO)**

Dr Pulat Pulatov IAESTE Tajikistan P.O.Box 165 Central Post Office Dushanbe 734025 Tajikistan

#### PARIS (UNESCO)

Mrs Pauline Ferguson General Secretary IAESTE A.s.b.l. P.O.Box 102 Banbridge BT32 4WY Northern Ireland

# report

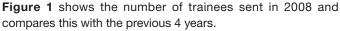
# **General Secretary**

This Report is a summary of the exchange activities between IAESTE Members and Co-operating Institutions during 2008. The details of these exchanges are presented in the 2008 IAESTE Activity Report published in November 2008. The exchange took place between 84 Members and Co-operating Institutions from 81 countries and 6 non-Member countries. The 2008 IAESTE Activity Report contains the detail on the bilateral exchanges, study fields of trainees sent and received by each Member and Co-operating Institution, the number of participating Employers and Institutions, training periods, age, nationality and gender of the trainees and other useful comparative information. It includes detail on the exchange with non-Member countries. The Report also contains a summary of the administrative procedures, reports from Members and Co-operating Institutions on activity as well as the names of the staff handling the exchange and the addresses of the National Offices. Readers interested in this Report may order a copy from the IAESTE Office in their own country or from the General Secretary.

### **Exchange Development in 2008**

The total number of trainees exchanged in 2008 was 4579, 166 less than in 2007. However 38% of the Members and Co -operating Institutions managed to increase their number of traineeships to incoming students and this was very encouraging

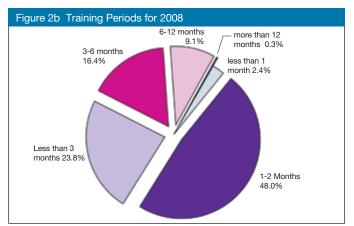






**Figure 2a** shows the training periods for 2007-2008 with the majority of students on placements between 6-8 weeks.

especially in the prevailing economic climate. Several countries made a significant increase in the number of placements offered to incoming students, notably, Argentina, Belgium, Hungary, Japan, Mexico, Turkey and United States.



**Figure 2b** indicates the training periods for 2008 with 48% of trainees on a 6-8 week placement with 23.8% on placements lasting between 8-12 weeks.



**Figure 3** The number of trainees to benefit from long-term placements represents 33.6% of total placements in 2008, a 10% increase from 2007.

### **Regional Exchange**

The number of traineeships filled by students from non –European countries accounted for 34% of the number of students sent, up 6% from 2007. Figures show that there was an increase in the number of students sent from Africa and Latin America. Numbers sent and received in North America and Asia declined in 2008.

Europe continues to dominate the exchange. Some 65.6% of all trainees were sent from EU and other European countries and 67.9% of all trainees were received in Europe, a slight decrease from 2007.

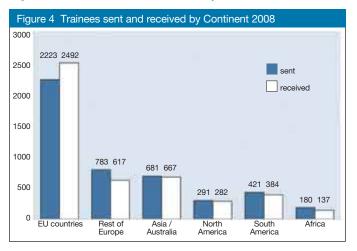
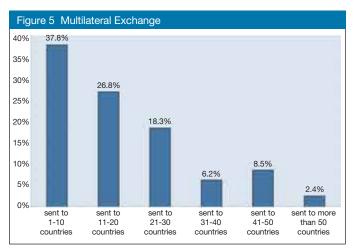


Figure 4 Trainees sent and received by Continent 2008

### **Sending and receiving Continent**

The open International exchange is clearly illustrated by the number of Members and Co-operating Institutions that exchange with each other. In 2008 each Member and Co-operating Institution exchanged on average with 17 other Members and Co-operating Institutions, one less than in 2007.

**Figure 5** shows that 26.8% of IAESTE Members and Co-operating Institutions exchanged with more than 11 countries in 2008. 8 Members sent students to 41 or more countries.



#### **Growth of IAESTE**

Although there is still great interest in IAESTE throughout the world the main potential Co-operating Institutions in 2008 came from Bangladesh, Cameroon and Nepal but the Board needs to be sure that we have the right partners in these countries with the result that no new Co-operating Institutions were accepted after the Conference in January 2008. Many contacts are made through our public website www.iaeste.org which has a daily average of 984 visits, a big increase from last year. Universities or Organisations committed to the Aims of the Association can apply for Co-operating Institution status and each year the Board reviews their progress at their summer meeting. Co-operating Institutions which are no longer conducting an exchange do not have their status renewed. New Co-operating Institutions take 3-5 years to become established and the benefits of this expansion, reflected in the exchange, becomes clear after this period. They are then able to apply for Associate Membership and after a minimum of another 3 years can apply to be Full Members with voting rights. 84 Members and Co-operating Institutions in 81 countries constituted the Membership of IAESTE in January 2009.

### **Reciprocity of the Exchange**

The IAESTE exchange programme is based on a bilateral balanced exchange between Members and Co-operating Institutions. Most countries attempt to maintain a balance between outgoing and incoming students but an exact bilateral balance is rarely possible within any given year. Only long-term balance is sought. This flexibility is needed to support the proper allocation of places and the selection of the appropriate students.

In 2008, 30 Members and Co-operating Institutions received more students than they sent abroad and this benefited the rest. In total, 633 work experience places were involved or 13.8% of the total exchange.

It is traditional within IAESTE for Members with a higher Gross National Income per capita (GNI) to receive more trainees than they send. Strict reciprocity is not implemented with new countries. In the early years this allows those in developing countries and those from smaller countries to gather support within their country in order to develop the exchange. Countries with a GNI per capita >12,000 US\$ provided 63.3% of these places in 2008, a dramatic decrease from 2007.



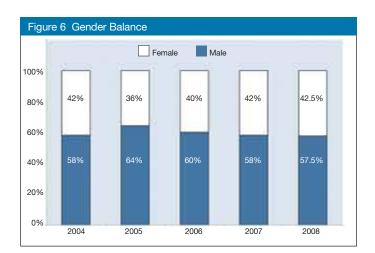
### Profile of the student trainee

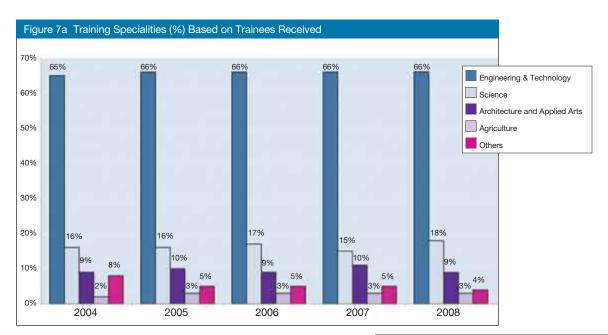
**Gender balance and Age:** Age and gender balance of trainees varies little from year to year but differs appreciably from country to country.

Participation by men and women students compared with previous years (%) is shown in **Figure 6** 

The percentage for individual Members or Co-operating Institutions varies from 0% to 90%. The gender balance relates to cultural and educational traditions in the IAESTE countries.

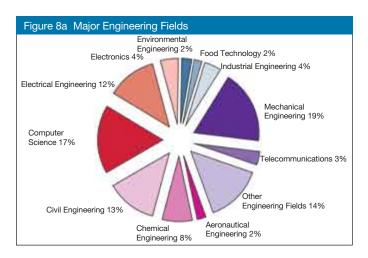
The age of trainees in 2008 ranged from 20 to 29 years with the majority (71.2%) being between 21 and 23. The average age is just under 23 years old.

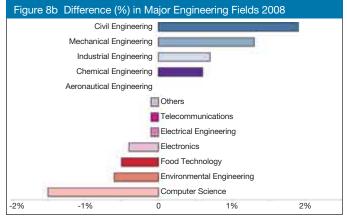


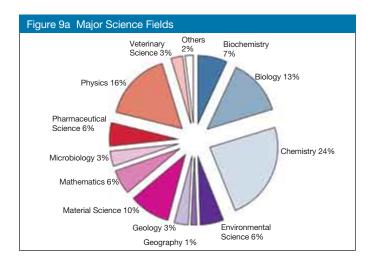


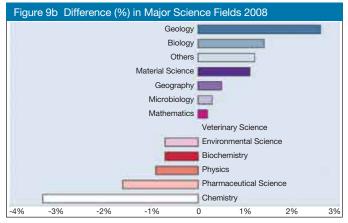
**Study fields:** In 2008 66% of trainees were students of Engineering and Technology. The remaining 34% were divided between the Sciences, 18%; Architecture and Applied Arts, 9%; Agriculture, 3% and other fields of study, 4%. While placements in Engineering, Agriculture and Others have remained stable there was a slight decline in Architecture and Applied Arts but a 3.0% increase in Science placements in 2008.











In 2008 the largest of the Engineering Faculties was Mechanical Engineering 19%, followed by Computer Science 17%, Civil Engineering 13%, Electrical Engineering 12%, Chemical Engineering 8%, Electronic Engineering 4%, Industrial Engineering 4%, Telecommunications 3%, Environmental Engineering 2% and Aeronautical Engineering 2%. The biggest increase in Offers came from Civil Engineering with 32 more than in 2007 and there was a small increase in the number of Aeronautical Engineering placements. 16% was made up of Food Technology and other Engineering fields which included a rise in placements available in Mechatronics, Naval, Petroleum, Power and Textile Engineering. The biggest increase in Offers was noticed in the Science disciplines with a rise in the number of available Offers in Biochemistry, Chemistry, Environmental Science. Pharmaceutical Studies and Physics.

Sub-dividing the Engineering groups gives us the breakdown between the major participating disciplines. **Figure 8a** 

% Difference between major Engineering fields in 2007 and 2008 Figure 8b

% Major Science fields 2008 Figure 9a

% Difference between major Science fields in 2007 and 2008 Figure 9b

**Nationality:** The majority of students participating in the IAESTE exchange are citizens of IAESTE countries. Some are from non-Member countries and are studying abroad at Educational Institutions co-operating with IAESTE.

In 2008, 281 students with different nationalities to the sending country received places on the programme. Of these 30 were from the following non-Member countries: Albania, Algeria, Bangladesh, Benin, Bolivia, Cameroon, Guatemala, Liechtenstein, Madagascar, Morocco, The Netherlands, Palestine, Senegal, Sudan, Taiwan and Venezuela.

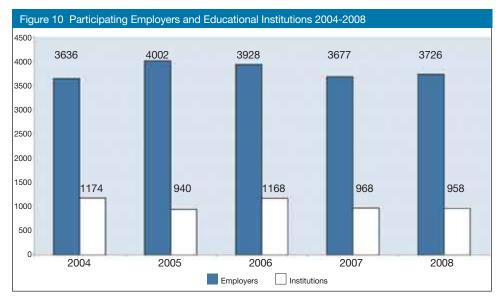
Five IAESTE countries exchanged students directly with non-Member countries that included, Costa Rica, Cuba, Georgia, The Netherlands, New Zealand and Singapore.



### Participating Employers and Educational Institutions

In 2008 there was an increase in the number of Employers and Academic Institutions who offered traineeships. A total of 3726 Industrial Employers and 958 Academic Institutions received students in 2008. **Figure 10** 

IAESTE would like to acknowledge the continued support of all Employers and Educational Institutions in 2008.



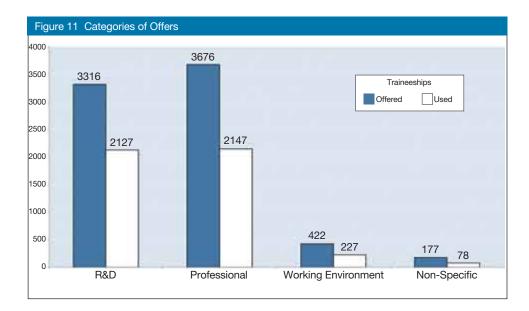
### Work experience positions on offer in 2008

The duration of the available positions can be seen in Figures  $\ensuremath{\textbf{2a}}$  and  $\ensuremath{\textbf{2b}}$ 

Most of the training takes place in the period June to September and coincides with the Northern Hemisphere vacation period. In the Southern Hemisphere, opportunities are available between October and April. 75 Members and Co-operating Institutions are now in a position to offer long term training opportunities while 23 offer training throughout the year.

The majority of the work placements are exchanged during the Annual Conference in January on a bilateral basis but thanks to the development of the IAESTE IntraWeb the exchange can continue after this meeting. New and unused Offers can be put on the IntraWeb at any time by Members and Co operating Institutions and this ensures that IAESTE can accommodate students and Employer Offers as they arise. **Categories of Offers:** IAESTE classify placements as Research and Development (D) indicating work of a laboratory nature; Professional (P) is used for professional activities, practical design work and similar; Working environment Offers (W) indicate work in the industrial area relevant for the student's background and category (X) covers non-specific Offers.

The non-specific (X) Offers can be general Office jobs, Language Offers and similar. In all cases it is the responsibility of the receiving National Office making the (X) category Offers to ensure that the working conditions are acceptable, beneficial to the student and in line with the standards expected of all IAESTE Offers.



In 2008 a total of 7591 training places were reported to be available as follows: Research and Development (D) 3316, 43.6%, Professional (P) 3676, 48.4.%, Working Environment (W) 422, 5.6% and Non-specific (X) 177, 2.3%. The percentage of Offers used as reported by the Members and Co-operating Institutions by category of the available Offers were (D) 64.1% (P) 58.4%, (W) 53.8% and (X) 44%. **Figure 11** 

The bulk of the Offers are in the Research and Development and Professional areas and students favour these training places that are more in line with academic requirements. In many instances such training is a required part of the curriculum. The Working Environment (W) Offers are valued for higher pay and the opportunities they provide to experience working conditions in industry in other countries. In 2008 there was an increase in the number of available Working Environment Offers.

#### **Returned Offers and cancellations**

This continues to be one of our major problem areas. Despite the efforts made to date to minimise losses, the number of training places lost or unused remains unacceptably high. Based on the figures reported, the number of lost and unused training Offers in 2008 amounted to 2984, 39.4% of the Offers received. Employer withdrawals accounted for 15.9% and Student withdrawals were 8%.

In 2008 individual figures show that 6 Members and Co-operating Institutions managed to maintain their total losses below 20% which shows how hard it became in the middle of the year due to the global financial crisis and these countries are to be congratulated.

IAESTE Members and Co-operating Institutions **must continue** to make every effort to minimise these losses, particularly the Offers that remain unused. Improvements here would result in the release of additional available places. This should encourage all countries to seek improvements to their existing practices and to examine their communication arrangements. Accurate and timely communications should help reduce Student and Employer withdrawals and accurate matching of the student skills with those required by the Employer would further contribute to minimising the withdrawal of Offers by Employers.

The year round exchange facilitated by the IAESTE IntraWeb now provides the platform for the quick and accurate exchange of placements between Members and Co-operating Institutions for new and unused Offers and also nominations for these places. This must contribute to the effective use of all Offers both new and unused, as they become available throughout the year.

# report

# Annual Conference

### WARSAW, POLAND 2009

The 62nd IAESTE Annual Conference took place in Warsaw, Poland from 16-22 January 2009 with 251 participants from 77 countries in attendance.

The Opening Ceremony took place in the Polonia Hall of the Conference Hotel, the Radisson SAS Centrum, in Warsaw on Saturday, 17 January 2009. Ms Olga Legacka and Ms Anna Ciemiega from IAESTE Poland acted as Masters of Ceremony. After guests were welcomed, the Presidential Table was introduced and Mrs Pauline Ferguson, the General Secretary, presented the IAESTE medal to the Honorary Conference President, Dr Zbigniew Klos, one of the founding members of IAESTE Poland and a member of the Honorary Committee of its Golden Jubilee.



In his speech, Dr Klos expressed his pleasure at being the Honorary Conference President and at being involved in the Golden Jubilee celebrations for IAESTE Poland. He highlighted the activities and achievements of IAESTE Poland over the past 50 years and he emphasised the continued relevance and value of IAESTE as a powerful Organisation promoting mutual understanding and goodwill as well as offering technical and professional experience.

Mr Goran Radnović, the President of the Association, was invited to address the delegates. He remarked on the opportunities IAESTE offers at Local, National and International levels as reflected through his own varied experiences in the Association. Mr Radnović then congratulated IAESTE Poland on its 50<sup>th</sup> Anniversary and thanked the Organising Committee for its hard work.

In her speech, the General Secretary also expressed her congratulations to IAESTE Poland on its Anniversary as well as her thanks to all the members of the Organising Committee and to the Warsaw University of Technology. She welcomed representatives from Institutions and Organisations interested in co-operating with IAESTE: Hanze University of Applied Sciences, the Netherlands, CDEFI, France, FISITA, The International Federation for Automotive Engineering, and Swisscare. The General Secretary also thanked IAESTE A.s.b.l's Sponsors, Alstom, ABB and Wanhua, for their support.

After providing details on the history, aims and benefits of IAESTE, the General Secretary showed a video interview with a former trainee from IAESTE Canada who completed a traineeship in Switzerland. It was informative and entertaining as it promoted IAESTE by highlighting the fact that we provide valuable cultural as well as relevant work experience. She concluded her speech with a slide presentation of students at work and leisure in 82 countries in 2008.

After the Masters of Ceremony thanked their Sponsors and supporters, the Opening Ceremony concluded with a presentation of traditional song and dance performed by students from the Warsaw University of Technology - Zespol Piesni i Tanca Politechniki Warszawskiej.



During the five day Conference as well as the usual Plenary and Exchange Sessions, participants were also able to avail themselves of our IntraWeb training, provided by members of the Internet Development Team, a Meet and Greet Session organised by the Mentoring Co-ordinator, Dr Pulat Pulatov IAESTE Tajikistan, enabling newcomers to meet some more experienced delegates before the start of the Conference. Several

Workshops were organised by the SID Co-ordinator, Mr Thomas Faltner, IAESTE Austria and this allowed Ms Carolina Grimm from Alstom an opportunity to give a Company presentation to participants.



The Plenary Sessions were busy affairs with new Full and Associate Members welcomed into the Association. Ecuador, Iran and Sierra Leone brought the number of Full Members in IAESTE to 59, while Panama became an Associate Member. For the first time since the establishment of IAESTE A.s.b.l. in Colombia 2005, the Members discussed and agreed upon changes to the Statutes and By-Laws. The IAESTE Ombudsman, Professor Bernardo Herold, presented his report to the Conference and stated that in 2008 he had seen

a slight increase in the number of student complaints which he had to deal with. However 10 cases out of 4579 shows a great success for the quality of the services which IAESTE offers.



The Welcome Dinner was held in a traditional Polish restaurant near the Conference Hotel and included performances by dancers in national costume as well as fine Polish cuisine. The 50<sup>th</sup> Anniversary of IAESTE Poland celebrations, which were held at the Warsaw University

of Technology on the Sunday evening, included speeches by representatives of IAESTE Poland and Anniversary greetings.



The International evening was held at a student club at the Technical University on the Monday evening. In addition to the meal provided by IAESTE Poland, national food and drink from around the world were enjoyed by everyone. A highlight of the evening was the demonstration of Polish wedding traditions and dancing.



On Tuesday afternoon, delegates were taken on a sightseeing tour of Warsaw which focused on the city's history and architecture. The importance of Krakow and the history of Poland were also explained.

The Gala Dinner was held at the Warsaw University of Technology on the Wednesday evening, which included Polish cuisine and dancing and participants had an opportunity to say farewell informally before the conclusion of the Conference on the Thursday afternoon.



The General Secretary, Mrs Pauline Ferguson, thanked IAESTE Poland for their efforts during the Conference and presented gifts to mark the occasion.



A total of 7427 Offers of internships were brought to the Exchange Sessions, 14 less than last year but quite impressive given the prevailing economic climate and some Members managed to

As required under the IAESTE Statutes, Mr Goran Radnović, IAESTE Serbia and Mr Gerhard Gevelmann, IAESTE Germany retired as Members of the Board, having completed their terms of office. Board Member Mr Javier Yarza, IAESTE Mexico announced his resignation from the Board to pursue public life

exchange with over 60 countries in the five days available.



Guenter Mueller-Graetschel, IAESTE Germany and Ms Desanka Ichitrajkova, IAESTE F.Y.R. Macedonia were elected for three years and one year respectively. Mr Thomas Faltner, IAESTE Austria, replaced Mr Yarza on the Board for 2009. Mr Goran Radnović, IAESTE Serbia was elected as General Secretary for the period 2010-2012.

During the Conference IAESTE Poland offered delegates several social events. The traditional housewarming party on arrival enabled participants the chance to renew acquaintances and meet new people attending the Conference for the first time.

# events

# IAESTE International Awards

### **IAESTE INTERNATIONAL ACADEMIC AWARD**

"Ion Mincu" University of Architecture and Urbanism in Bucharest is the oldest and most important Academic Institution in its field in Romania. Its foundation is closely linked with the rise of modern Romania and the setting of its new Institutional structure and culture. The first School of Architecture was legally established in 1864, based on an Act issued by the first Monarch of the newly founded State but, due to a lack of students, it never really functioned. The first Romanian architects studied mostly in Paris, at the Ecole des Beaux-Arts (the first DPLG was lon Mincu in 1883) and due to their enthusiasm on 15 October 1892 the Romanian Society of Architects set up a private School of Architecture under its authority. UAUIM's years of experience in International academic relationships supported IAESTE activity, first as an Associate Member of IAESTE International and now as a partner of IAESTE Romania and we are very proud of this. The most visible results of our initiatives can be seen through the increasing number of exchanges that occur in the field of Architecture between Romania and countries abroad. Moreover, IAESTE Romania has its headquarters in the UAUIM building as well as the Local Committee of Bucharest. Both are managed by the President of UAUIM himself and his fellow Staff Professors who have invested their energy and experience to guarantee a professional service to the students who are sent and received in Romania. The University is very proud to have received this International Award in recognition of its work to developing IAESTE in Romania.



Professor Emil Popescu, National Secretary, IAESTE Romania, with Senior Lecturer Daniel Comsa, Exchange Co-ordinator



#### **IAESTE INTERNATIONAL EMPLOYER AWARD**

William Clements Chemicals Ltd and the Department for Regional Development (Roads Service) Northern Ireland were awarded the International IAESTE Employer's Award to recognise their long standing support as Employers participating in the



IAESTE programme. The awards were presented by Mrs Pauline Ferguson, General Secretary, IAESTE A.s.b.l. at the annual IAESTE Summer Reception in Northern Ireland hosted by the Department for Employment & Learning, which took place on

Wednesday 23 July 2008 within the grounds of Belfast Castle and was attended by all the IAESTE trainees based in Northern Ireland for the summer of 2008 and their host Employers.

> Mr Tom McCourt DRD (Roads Service)



Mr Raymond Farley Wm Clements Chemicals Ltd

### IAESTE INTERNATIONAL INDIVIDUAL AWARD Dr László Becker, Hungary

On the occasion of the celebration of the 60th anniversary of IAESTE, held at the Annual Conference in Jordan, 26 January 2008, the IAESTE International Award was presented to Dr László Becker for 24 years of outstanding co-operation and service to the IAESTE Association worldwide.

In his professional career, Dr Becker, as an Associate Professor, spent 17 years lecturing at the Technical University of Budapest. In 1993 he moved to the State Administration and held various Managing Director posts as a civil servant at the State Privatisation Agency, the Ministry for Environment and the Ministry of Economy and Transport. Currently he is working as the Chief Engineer for implementation of major infrastructure investment projects assisted by EU financing at the Municipality of Budapest.

Dr Becker was introduced to the IAESTE International family back in 1984 as the newly appointed National Secretary of Hungary by the Youth Organisation of the Technical University of Budapest with the mission to develop a constant, reliable National Organisation for the Exchange programme, IAESTE. His mandate was supported by the Central State Youth Committee and the Ministry of Education as well. Financial contributions from UNESCO and the SOROS Foundation helped to extend that activity in the country so that four years later all major Engineering Universities and Colleges participated through their Local



Committees in the IAESTE exchange. The Annual Conference held in Budapest in 1987 helped a lot in achieving a rapid growth in exchange figures from 20 to 200 during that period. Those results were acknowledged by the Central Youth Organisation which presented him with the "Youth Award" in 1988. He was appointed as International Advisor to the Pro Rector of the Technical University of Budapest to broaden its International co-operation with major European Universities such as TU Delft, Trent Politechnic Nottingham and Imperial College London.

Dr Becker served as a member of the IAESTE Advisory Committee in the years 1990-1993, in times of fundamental change in the history of Central and Eastern Europe, which affected the tasks and activities of the AC as well. But those days brought changes in the life of IAESTE Hungary too – the students founded and

> registered the independent Association of Hungarian Engineering Students to fulfill the duties of the National Committee of IAESTE in Hungary. Since then Dr Becker has served IAESTE Hungary as Chairman of the Advisory Board. In this capacity he advises the elected Presidents and Board of IAESTE Hungary on International affairs, fund raising and in particular on participating in the International IAESTE exchange. His active co-operation with the students enabled him to participate regularly at the Annual Conferences of IAESTE and IAESTE Hungary is very proud that his work has been recognised by the International IAESTE Award.

# events

# Anniversaries

### **IAESTE AUSTRIA**

#### Reaches its Diamond Anniversary

The taste of International exchange through IAESTE reached Austria one year after the Organisation was founded. In 1949 the Austrian Committee for International Student Exchange (ÖKISTA) began to host the administration for IAESTE in Austria. In 1950 IAESTE Austria became a Full Member. Until 1989 the programme in Austria was run by permanent staff, but afterwards it was taken over by motivated students who established a very well organised and effective National Committee which currently has six Local Committees.

The number of exchanged Offers rose from around 30 each year before 1989, to the constant number of about 140 Offers since IAESTE Austria was established as a student run Committee. Today IAESTE Austria is represented at all major technical Universities in Austria with approximately 130 volunteer students and one administrative Secretary.

IAESTE Austria had the honour to be the host country for a record number of five Annual Conferences. (Vienna: 1955, 1983, 2004;

Salzburg: 1975; Graz: 1989). Furthermore, IAESTE Austria was the host of the Seminar on IAESTE Development, SID, in April 1993 which took place in Annaberg. Several Austrians have made a significant impact on the International Association over the years. From 1968 to 1974 Mr Rolf Kratochwil was the 4th General Secretary of IAESTE. Mr Thomas Faltner was elected as a Board member for the one year term in 2007 and was elected again as a Board member for 2009 at the Annual Conference in Warsaw.



2004 Annual Conference Vienna









The IAESTE Motivation Seminar, JUMP, was also initiated in 1995 by the former IAESTE Austria National Secretary Martin Klaus. The first two JUMP Seminars were held in Vienna and Salzburg. We are very happy that this year, the year of our 60th Anniversary, that the great Motivation Event returns to Austria and will take place in Radstadt at the end of September.



2007 Central European Convention in Purbach

Another great initiative was taken by the former National Secretaries of Croatia and Austria in May 1998. Mario Kauzlaric and Thomas Haim founded the Central European Convention (CEC). Twice a year approximately 160 volunteers from six Member countries and around 20 invited countries meet to work successfully on international progress for IAESTE and to provide precious know-how for each other.

IAESTE Austria is delighted to be celebrating its 60th Anniversary and looks forward to exchanging many more students in the years to come.

#### Olga Legacka President IAESTE Poland



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### **IAESTE POLAND**

#### Celebrating its Golden Jubilee

2009 marks the 50th Anniversary of the involvement of Polish students and Employers in the International programme of internships through IAESTE. From the very beginning we focused on the highest quality of service, conscientiously achieving our main aims through promoting International appreciation and goodwill.

The Polish Committee of IAESTE was established in 1957 by Professor Janusz Tymowski from Warsaw University of Technology and shortly after IAESTE Poland became an Associate Member of the IAESTE family. In 1959 during the Annual Conference in Turkey, Poland was accepted as a Full Member in IAESTE.

At the beginning of our activity, IAESTE Poland was part of the only one, legal student's Organisation in Poland – ZSP (The Polish Students Union). In those days, it was not easy to travel abroad, especially to western European countries, so we had to co-operate with the state-controlled Tourist Agency – Almatur. That was the only way to be granted passports and cross the Polish border. The Polish IAESTE Committee was a window on the world! Nowadays, IAESTE Poland is gaining a new role in its history by partnering with Companies, especially in the field of relationships between Industry, technical students and well-qualified Engineers.

From the beginning of IAESTE Poland's existence we have hosted over 12,000 students from 60 countries. At present IAESTE Poland organises about 300 internships for foreign students and co-operates with over 250 Companies from all over Poland making it one of the biggest IAESTE countries to send and receive students.

For our Golden Jubilee celebrations we plan to issue a special edition of the monograph about the history and the greatest achievements of IAESTE Poland. Moreover, a special exhibition will be presented at the main Polish Academic Centres, accompanied by numerous events organised by our Local Committees. The most significant event of our celebrations was hosting the 62nd Annual IAESTE Conference, which gathered together over 250 International guests from 77 countries from all over the world.

The 50th Anniversary Celebrations were held in the main Hall of Warsaw University of Technology and began with these words,

"50 years ago, at this University, Professor Tymowski founded IAESTE Poland. We are more than happy that tonight we can celebrate our Golden Jubilee with all of you. IAESTE Poland would not exist without great people and some of them are here with us tonight." <image>

Pictures clockwise (from top left)

- 1 The Founding Father of IAESTE, Mr James Newby (UK) and the Founder of IAESTE Poland, Professor Janusz Tymowski (first from the left) during the Annual Conference in Warsaw in 1966.
- 2 The main Hall of Warsaw University of Technology
- 3 Participants of the Post Conference Tour, Warsaw 1966
- 4 Summer Reception in Poland
- 5 Trainees at work during a traineeship in IAESTE Poland

# events

Mr Tahar Friaa National Secretary IAESTE Tunisia



### **IAESTE TUNISIA**

Fifty years in IAESTE

We are extremely proud to announce that IAESTE Tunisia is celebrating half a century of existence this year. Soon after the independence of Tunisia, an Organisation such as IAESTE was able to be founded in Tunisia with the aim of sharing practical and professional experience in order to consolidate the image of a tolerant Tunisia. Thus, in 1959, Tunisia joined the IAESTE family and became a Full Member in 1989.

In April 2004, the Seminar on IAESTE Development (SID) moved for the first time out of Europe to North Africa to Tunis. IAESTE Tunisia accepted the challenge and welcomed 58 delegates from 25 countries.

During the General Conference of Colombia in 2005, The National School of Engineering (ENIT), the supporting Organisation of IAESTE Tunisia, became a Founding Member of IAESTE A.s.b.l.

For more than 50 years, several generations of IAESTE Tunisia volunteers have multiplied their efforts to improve their way of working, including the organisation and communication with all foreign Committees and National partners: IAESTE Tunisia has sent 2260 students aboard, received 1531 and co-operated with more than 54 countries.

With only the National Committee of IAESTE operating in Tunisia, composed of a National Secretary and about twenty volunteer students from ENIT, we can exchange every year around 100 placements. We try, on the other hand, to do our best to offer to the incoming trainees the best conditions during their internships. It is always a pleasure to hear their encouraging feedback. In fact, the majority of foreign trainees appreciate the trips, the cultural and social events arranged by our Committee, especially the eternal "south trip" which includes a visit to the desert.

There is no doubt that IAESTE has had a great influence on our lives in one way or another. It offers to everyone involved in the programme the opportunity to enhance their personal and professional development, to be in touch with different countries and different cultures. So we would like to express our sincere gratitude to all IAESTE Committees, Co-operating Institutions and participating Employers who have relied on us and have participated in building this incredible and unique experience. Finally, we look forward to another 50 successful years for IAESTE Tunisia.



SID Tunis 2004





Annual Conference Lisbon 1986



Ecuador has been part of the IAESTE Community for ten years 1999-2009 with acceptance as a Full Member in January 2009 at the Annual Conference in Warsaw, Poland.

It has been a beautiful experience that has led IAESTE Ecuador to broaden our horizons, make new friends all over the world and become part of the IAESTE family of nations.

Incoming students have found in Ecuador not only an excellent learning experience but an opportunity to discover the unique ethnic, cultural and biodiversity of the country.

We have promoted IAESTE's ideals in businesses, the community and to the students. We have achieved a good number of paid internships per year. We look forward to maintaining the position of the leading exchange programme in Ecuador.



Gloria Gangotena National Secretary IAESTE Ecuador

# report

# 24th Seminar on IAESTE Development



Gerhard Gevelmann Interim SID Co-ordinator

### 23-26 APRIL 2009, GHENT, BELGIUM

The 24th Seminar on IAESTE Development was held in Ghent, Belgium where 70 participants from 30 countries actively participated in the 3 day event which serves as a forum to discuss, develop and share ideas as well as best practices from Members and Co-operating Institutions. This year, differing from the past, only three major Work Groups were offered: Administration, IPLUG and Strategic Marketing. Additionally and for the first time ever, a Mentoring Group was established as a need for this was recognised at the Annual Conference. In only twelve hours many topics were presented, discussed and worked on. Thanks to the highly motivated participants and Work Group Co-ordinators many new ideas can be developed, new strategies be created and common interests be shared. An exchange of different view points did not only happen during the Group Fair on the Saturday afternoon but actually all the time during lunch, dinner or socially in the evening as everybody was eager to participate towards the development of IAESTE A.s.b.l.



According to the new Statutes and By-Laws the SID Co-ordinator 2010 will be elected at the next Annual Conference in Zurich, Switzerland and for SID 2011 IAESTE Spain kindly agreed to host our Seminar on IAESTE Development.

We extend thanks to our great hosts, IAESTE Belgium, in particular the National Secretary, Annelies Vermeir and Kevin





Loncke and their team, for making this year's SID another very special event in our Annual Calendar. The Welcome dinner was held in Groot Vleeshuis, a traditional warehouse in the middle of Ghent, with hams maturing on the ceiling with a very unique atmosphere. On Friday evening Mr Christophe Peeters, who is responsible for city development, hosted a Reception in the Town Hall and emphasised the importance of Globalisation and the great role of our Association in that process. As a sign of appreciation all of us were invited to sign the Golden Book of the City before we moved to Het Pand, the Ghent University



Congress Centre, which used to be a monastery in the Thirteenth Century. The Rector of the University of Ghent, Professor Paul van Cauwenberge welcomed the participants for the Gala Dinner and in his speech he stressed the importance of International relations, not only for Companies or Universities but also for students during their studies to create their own networks and to



widen their personal horizons for a better global understanding. The second main Sponsor, besides the University of Ghent was DEME, a Civil Engineering Company with a focus on dredging. They gave a short presentation on their work throughout the world. A wonderful buffet followed and everybody agreed that it would have been a shame not to have tasted the French fries with mayonnaise along with asparagus and of course the chocolate fountain and waffles in different variations. After the productive Workshops the next day we had the chance to experience more of Belgium's culture, with highlights including a boat trip and a visit to a chocolate manufacturer, which of course included a tasting session.

On Saturday, after the hard work participants were rewarded by the traditional International Evening, again with a huge selection of food and drink from all over the world and of course the large variety of Belgian beers.







In the end everybody experienced a productive and inspiring SID, discovered a new culture and returned with the feeling that they had contributed to the future of IAESTE but also with the knowledge that this needs to be continued over the year.

# report

# JUMP 2008

### 14th IAESTE Training and Motivation Seminar 1-5 October 2008, Banja Luka, Bosnia and Herzegovina

The 14th IAESTE Training and Motivation Seminar JUMP (Join Us to Motivate People) took place in Banja Luka in Bosnia and Herzegovina from 1-5 October 2008 hosted by the Local Committee in Banja Luka. Over 50 new and experienced participants, mainly from Europe and the United States attended the event along with six trainers.

The participants joined four out of five training sessions which included Job raising where a phone system was used to create the scenario of Job raising, Local Committee management, Marketing, Summer reception, the Alumni Association and the IntraWeb. Each session was 3 hours long and gave the participants an insight into the administration of IAESTE as well as introducing them to areas unfamiliar or unknown to them in their home country.

During JUMP there was also time for socialising including the International evening where participants had the opportunity to experience the culinary tastes of other countries, a tour of Banja Luka and its sights as well as white water rafting on the Vrbas River. An evening with traditional Bosnian food and music was also part of the programme.

The event was well co-ordinated by Tanja Milojevic and her team, which gave excellent support throughout the five days.

"Thank you so much for this incredible event!"

"Thanks to all the Organisers. It was a fantastic weekend! Unforgettable!"

JUMP 2009 will be held in Radstadt, Salzburg, Austria.

15 years ago JUMP was founded by Martin Klaus, from IAESTE Austria. After so many years, JUMP will be back in Austria. The 15th JUMP will be hosted by IAESTE Austria from 30 September to 4 October 2009. The programme will include six Training Sessions led by a group of experienced delegates. All new IAESTE volunteers are welcome to join JUMP 2009. Don't miss the training sessions, sightseeing, Company visit, entertainment and lots of motivation.

Keep on JUMPing and

### "Join Us to Motivate People"!



Adrian Keller, JUMP Co-ordinator, IAESTE Switzerland

Kasper Juel Pedersen, Jump Co-ordinator 2008





# 21st CEC

### 1-3 May 2009, Novy Smokovec, Slovakia



Lubomir Hornak **CEC Co-ordinator** 

The Central European Convention (CEC) was founded in May 1998 in Tuheljske Toplice, Croatia on the initiative of Thomas Haim, former National Secretary IAESTE Austria, and Mario Kauzlaric, former National Secretary IAESTE Croatia. Due to its great success, CEC is held twice a year. The main purpose of CEC is to enhance co-operation between IAESTE Local Committees in Central Europe and beyond, to co-ordinate joint

projects and to share experiences and lessons learned. The focus lies on ameliorating the exchange programme, partnerships with local businesses and university activities. CEC is organised by six countries: Austria, Croatia, Czech Republic, Hungary, Slovakia and Slovenia. Representatives of other countries regularly attend CEC as well: Bosnia and Herzegovina, Germany, Greece, F.Y.R. Macedonia, Norway, Poland, Romania, Serbia, Switzerland and Turkey.







The 21st Central European Convention (CEC) took place in Novy Smokovec in Slovakia and was organised by IAESTE Slovakia. More than 150 delegates from 14 different countries attended. CEC is mainly for IAESTE Members and Co-operating Institutions in central Europe but other countries also attended this year.

The Seminar was opened on Friday evening by the traditional presentation of countries and the Programme continued on Saturday morning with nine Working Groups where knowledge was shared along with suggested solutions of current problems and new ways of co-operation. The Work Groups this year were as follows: Local Committee Management, IT Development, Summer Reception & Alumni, Strategic Development, CEC Development, Communication, Marketing & Fundraising, IAESTE for Beginners and IAESTE Day. In the afternoon the Organising Team arranged a trip to the picturesque Cold Creek Waterfalls in Vysoke Tatry (High Tatras) mountains which ended with tasting traditional Slovak cheese. After the trip the day was concluded with an International evening.

From the very first CEC in May 1998 in Tuheljske Toplice (Croatia) the Organisers and participants have developed the Seminar and are passing on their experience and spirit to the next batch of volunteers to help them to develop IAESTE in their own countries.

The 22nd CEC will take place in Bohinj in Slovenia from 23-25 October 2009.

# **IAESTE** at work



# IAESTE Day 2008

IAESTE Day was created in 2005 to celebrate IAESTE and to make it more widely known to the world. Right from the start, the event has developed a lot and with every year we take on new challenges. I-Day serves as an occasion for all IAESTE Members and Co-operating Institutions worldwide to promote IAESTE. On this day, every country can organise an event unique to themselves, be it in the form of a formal dinner, a barbecue, a concert or a huge party so long as IAESTE is highlighted and promoted.

IAESTE Day 2008 was held on Thursday, 16 October. In total thirty countries participated. There were lots of great I-day events across the globe, from Australia to Tajikistan and Japan to Sierra Leone and lots in between.

This year some new ideas of celebrating this event included the very entertaining Tripling in Poland, a Football Match in F.Y.R. Macedonia and a Slow Bike Race in Switzerland.

Pictures, clockwise (from top left) 1 Slow Bike Race Switzerland 2 The winning I-Day Photo 3 Tripling in Poland 4 I-Day celebration in Norway











right: Anna Ciemięga; left: NS UAE Ms Rana Kabbani

In 2008 we launched the first I-day photo and video competition. The task for countries was to create a picture related to IAESTE and the number 60 since we were celebrating the 60th Anniversary of IAESTE. The judges were very impressed by some of the entries but finally chose the photo sent in by IAESTE United Arab Emirates.

During the Gala Dinner of the 62nd Annual IAESTE Conference in Warsaw, the Co-ordinator of IAESTE Day 2008, Anna Ciemięga, presented the National Secretary, IAESTE UAE, Ms Rana Kabbani with the I-Day Diploma. All the Conference participants were then able to watch the movie showing the background to making the winning picture.

We hope that this I-Day will inspire and motivate others and bring lots of new, creative ideas for organising some great events in your countries during the next IAESTE Day

> in October 2009! In the end, the most important thing on that day is to have a great time, to do something special or just invite some friends and carry the IAESTE Spirit into the world. But – most importantly – take some good photos during your IAESTE Day celebrations and send it to the I-Day team so that we can show it to the world in our gallery!

Show the world what IAESTE is all about!

I-Day Team

# perspectives

# The Academic



Professor Meyer Nahon, Department of Mechanical Engineering McGill University, Canada

My first exposure to IAESTE came in 1978, in my last year of Undergraduate studies at Queen's University, when I went on a work term at Tel Aviv University. Professor Norman Kerr, then Chairman of IAESTE Canada, was one of my Professors at Queen's and was instrumental in finding this placement. It was my first big trip on my own outside Canada. I worked on solar ponds---a method then proposed to collect solar energy in large ponds with stratified saline concentrations. The work was interesting, but the time in a foreign country even more so. I still remember fondly the trip around Northern Israel, organized by IAESTE Israel based at the Technion, with all the other IAESTE students in Israel that summer.



Gabriela (on the right) in Field Tests

When I became a Professor in 1991 at the University of Victoria in British Columbia, I wanted to give students the opportunity for similar experiences by facilitating foreign students working in Canada and Canadian students working abroad. I've long felt that living in a foreign place for months at a time is the best way to travel. What better way to do this than to take IAESTE students as summer interns in the lab I was setting up, called the Space and Subsea Robotics Lab.

Jan Akerlund from Finland was the first IAESTE student in my lab in Victoria. In 1992, he helped lay the foundation for our lab's early research in underwater vehicle simulation. When I look back at some of the work he did, I'm really impressed at what I asked him to do and what he managed to get done. In the years that followed, I hosted another two other students in my lab: Ole Gabrielsen from Norway and Marco Schuepfer from Switzerland. They each contributed to my lab's activities in their own way. Marco's great imagination and design skills were a challenge to keep up with. He greatly appreciated the time in the lab because, as he said, it allowed him to see what all that stuff he was learning in school was good for. He went back to finish his studies at ETH and drops me a line every year or so.

In 1999, I became involved with a group at the National Research Council in Penticton, British Columbia that was working on a very unusual design for a large radio telescope antenna. As our interactions grew, they needed summer students to work on our project. So between 2003 and 2005, I accepted students to work there. Those students were Pascal Maglie from Switzerland, Koen Jansen from The Netherlands and Samuel Kummrow from Switzerland. Samuel later returned to Canada to travel and to do a placement with Professor Clement Gosselin at Laval University, who was another collaborator on this project.

In 2001, I moved to McGill University in Montreal and built up a lab there called the Aerospace Mechatronics Lab. IAESTE students continued to be an integral part of our summers. We needed help in flying some of our aerial vehicles. Over the period 2005-2008, we had invaluable help from Magnus Nordenborg from Sweden, Karel Steurs from Belgium and Daniel Peon and Gabriela Waldhart from Austria. Gabriela tells me she still keeps in touch with the other IAESTE students from Europe that she met in Montreal.

In most cases, the IAESTE students work together with my Graduate students helping in their research. This gives an added benefit of exposing my grad students, usually Canadians, to students from around the world.

Invariably, the IAESTE students have been excellent. They are mature, responsible and eager to learn and help in our work. For many, it's their first exposure to North America.

In 2003, Ginny Arnold, IAESTE Canada's National Secretary, asked me to be on the IAESTE Canada Committee. This seemed a nice opportunity to help IAESTE in its mission. I've tried to find additional work terms for foreign students at McGill and give counsel to McGill students who are thinking of applying to IAESTE. I've talked to many of them over the years and they always come back feeling that the experience was tremendous.

In closing, just to show what a small world it is, this year I am on sabbatical at the Technion, in Israel. Each day, coming in to work, I drive by the Residence where I slept on the first night of that trip around Northern Israel as an IAESTE trainee, 30 years ago.



Samuel Kummrow in Penticton

# The National Office

### **IAESTE DOWN UNDER – IAESTE AUSTRALIA**

Rochelle Ades, National Secretary, IAESTE Australia

With intense competition and changing technology, a global outlook is essential for Industries prepared to help develop the skills of an international pool of student talent.

Even under the current Global Financial Crisis, there are still a large number of Employers that are able to benefit through the IAESTE program. One such Employer in Australia, Dr Michael Bannister, Education Manager & Program Leader, CRC-ACS, says he can recommend IAESTE's services without reservation to any Employer:



"The CRC-ACS has obtained students via IAESTE since 2007 and also used their services Dr Michael Bannister to obtain visas for Direct Placement students since 2004.

Without fail the students that have come to us have all been enthusiastic, highly motivated and fit in very well socially in our Organisation. With our opportunity to review the selections prior to finalisation, we have the ability to obtain students with a high level of required technical skills."



As IAESTE Australia enters its third year under the host of Swinburne University of Technology, our island continent is embracing the opportunities offered through this unique Association. For a country without borders it can be quite a huge leap for students to consider going overseas for a traineeship. But more and more students are ready to take the plunge, especially after they hear about the experiences from past trainees such as Claudia Schulz:

"When I left Brisbane for a country completely different in culture, language, weather, people and even food, I tried not to think about what I was getting myself into. When faced with looming challenges and adventures in all of these sectors

it was a huge relief to know that when I arrived someone from IAESTE in my host city Hamburg, Germany, would be there to pick me up and show me the ropes for the first few weeks.

I can't thank IAESTE enough simply for providing me with the opportunity to be overseas and working in a foreign industry - and especially the feeling of being a part of a world-wide network.

My year overseas has shaped my future, my personal goals and my career aspirations. I have friends, family, contacts and professional mentors throughout Europe as a direct result of my time in Germany."

Australia is also a long way to come for overseas students and we often find that once students spend some time here they don't want to leave! I don't think there is a corner of Australia that an IAESTE trainee has not visited!

Marie-Luise Wille from Switzerland spent 'three awesome months' at The Swinburne Centre for Astrophysics and Supercomputing. "The research project in Astrophysics was challenging but very interesting and I even got the chance to observe the Anglo Australian Telescope in Coonabarabran. My colleagues were fantastic and a big support, especially at the beginning. I liked it so much and was fortunate that my traineeship was extended at the Centre for another 2 months after I had the opportunity to travel around Australia a little.

Although most of the other IAESTE trainees worked somewhere else, we caught up almost every weekend including making some trips to places like the Grampians. It's great fun to meet people from all over the world and to make friends for life."

A special thank you goes to Swinburne University who have given IAESTE Australia a home, the Employers who have supported us and the students who have appreciated their IAESTE experiences.





# perspectives

# The Student

### **BACK TO REALITY IN SWEET SALONE**

Dale Barnes, Student of Mechanical Engineering, Manchester University, UK

#### Preconceptions

When I first saw Sierra Leone on the placements list I immediately thought of the last time I heard of it on the news a few years back. I remembered something about an horrific war and I knew it was somewhere in Africa but I had no idea where. Then I continued looking at the other placements available.

In fact I did not even apply to go to Sierra Leone; I applied for places like China, Canada, and Ecuador. In the end I did not succeed in any of my Applications and a couple of weeks afterwards, I received an e mail saying that there was still a place available in Sierra Leone, working in a rutile mine if I was interested. The obvious clichés of war and poverty popped back into my head for a moment and then I thought to myself, I wonder what it's really like? Someone was going to snap up this placement and have a guaranteed once in a lifetime epic experience so why not let that person be me? So I e mailed straight back the affirmative, even though I still had no idea where it was and no idea what rutile was or what I was getting myself into. That is where my experience began.

It did not take me long to find out that it is in West Africa, in the middle of the tropics, just east of Guinea, at the bottom of the UN Development index and that I would be going in the height of one of the warmest, wettest wet seasons on earth. I then found out I would need a dozen injections, a backpack full of emergency medication and a lot of pens. Almost every time I mentioned "Sierra Leone" to anyone I got this confused raised-eyebrow look of disbelief. I think at this point most people would have been having second thoughts but after weeks of preparation I finally got there. I was an employee of Sierra Rutile Ltd one of the world's largest rutile mining Companies in Sierra Leone, West Africa.

#### Into the unknown

As soon as I stepped off the plane onto the rough, cracked tarmac of runway at Lungi airport, looking over at a burnt out husk of a military plane on the other side, out into the hot and choking humidity, everything was different. From that moment onwards for three months, everything that I knew about culture, society, my way of living, my language, everything, would be completely turned on its head. The first few days were the most nervous, dazed, two days of my life. I had never experienced real culture shock until then. Everything was completely new. It is impossible to explain the feeling I had in those first days, though I would come to be very jealous watching other students go through the same experience upon arrival.



Learning to weld

My practical experience at the mines was excellent. I felt like I learned the real hands-on practical skills that a Mechanical Engineer should know, but they do not teach at University like how to tell if a machine is running properly by feeling it, listening to it and understanding it, how to machine your own spare parts, how to weld and how to improvise using minimal resources. I also learnt a lot about how not to do things, though in a country like Sierra Leone, with no real safety regulations, the wrong way can sometimes be the only option.

#### A unique cultural eye-opener

In terms of my cultural experience in Sierra Leone, I was completely overloaded and taken aback. Every single day I was there at least one thing happened that was completely strange and unbelievable and would never happen at home. I learnt bits of Krio (pigeon English) and Mende (a local tribal language) to help me converse with the locals and for many of the people I spoke to it was the first time they had heard a white man speak their own language, which they and I both found incredible. The Sierra Leonean people are incredibly friendly as it is, but as soon as they heard me speak their language that was it, instant hilarity, rapture and applause. The best was when I would walk through the local village and as usual, I would get swamped by local children shouting "White man! White man!" in Mende and asking for pens. Sometimes I would shout back at them "Mende man! Mende man! How are you?" also in Mende and they would go wild with laughter. I even met one girl who had never seen a white man before and she thought I was a monster.



Nat Horton, one of my mentors

So Sierra Leone is a great cultural challenge, especially from a white European point of view but what did I really learn? I worked for about three weeks with one man, Ahmed, overhauling a diesel engine, gaining a wealth of practical, hands-on experience. We became good friends. He taught me everything there is to know about diesel engines and he showed me how to improvise tools from nothing in a country where there isn't a tool shop for 100 miles all around and spare parts take 3 months to arrive. It took us three weeks to get an engine working which had been sitting for 20 years rusting away in an abandoned tractor. Coming home I feel detached from everything I was used to because I can't relate to it in the same way anymore. I can't relate to the issues of the British middle class, the credit crunch, carbon emissions, gas bills, hedge-trimmers, multi-car insurance, all of it seems silly compared to the real problems that people are facing on the other side of the world.



#### The future

Above all, I realised that all these images that people have about Sierra Leone are wrong. Firstly they aren't at war and the people I encountered were the most peaceful and welcoming people I've ever met. The country itself is incredibly beautiful and incredibly free. In Sierra Leone I felt the closest to 'free' that I have ever felt, freed from the nonsense that fills your life in the developed world, all the material things that distract you from reality. In Sierra Leone, to live you have to think, you have to be on your toes all the time and it's a great feeling. In Freetown, you never know if you'll have electricity that day. You have to shower from a bucket of rainwater and you have to hustle and bargain your way through everything to survive. It's completely the opposite of the UK, which can be a good thing. It's not that I've become some sort of nature-loving hippy; it's just that my eyes have been opened and I feel like I see a bigger picture now.

I will definitely be going back to Sierra Leone, I feel like I have to; my experience has really inspired me. Whilst travelling east to Kenema and Bo I met people in need of help, who were willing to help me help them. It just so happened that whilst studying in France I completed a project on a pump that works without electricity and allows water to be pumped up a hill from a river using the energy of a height drop such as a waterfall. There



are many villages utilizing river water for domestic use in Sierra Leone that could benefit from this technology. I have therefore decided to go back to install these pumps in some of the villages in the east of the country, replacing the need for manual water transportation. This work will be carried out with the help of the Eastern Polytechnic University in Kenema, who are willing to provide accommodation as well as welding and cutting machines. I have secured some of the necessary materials and components that will be shipped over to fabricate the pumps in Kenema. We are currently seeking the funding to make it all possible. If the pump project is successful my vision would be to find some way of starting a sustainable manufacturing business in Sierra Leone where the workers will be paid reasonably with the aim of bringing something good to their country through rural development and the possibility of exporting to neighbouring regions.



Being an IAESTE trainee has meant so much to me in so many ways. It has completely changed my life in quite an unexpected way and allowed me to find a purpose and direction whereby I feel my skills as an Engineer can make a real contribution to humanity. If I had not been on this placement, I do not think that would have happened. I think the experience of immersing oneself into a foreign culture and working in a foreign environment with people completely different to you is something that everyone should try and is an invaluable life experience. It allows you to reflect upon your world, your work and yourself in ways that simply are not possible at home.

## perspectives

# The Volunteers

### **IAESTE CYPRUS VOLUNTEERING TEAM:**



Prepared by: Nicolas Epaminonda, Andria Theodorou, Christina Kaili Representatives of the Cyprus Student Volunteering Team

The 2008 Volunteering team of IAESTE Cyprus was created by a group of Cypriot students to consolidate the cultures of both the hosting and the visiting students and also to assist the visiting students in their social inquiries. The specific goals set, such as to provide social events, to promote the creation of friendships and to provide guidance and support to students, aimed to benefit both the IAESTE incoming students and the volunteers. Some of the Student Volunteers had already lived the experiences of an IAESTE traineeship before joining the Volunteering team, while others had no previous relations with IAESTE.

mountains. During these visits we had the delightful opportunity to visit archaeological sites, local religious monuments and museums, to walk some nature trails, initiate conversations with the locals and enjoy the sandy beaches of Cyprus. Apart from the cultural activities, in times when we could not arrange for an excursion or a visit, we were able to substitute the free time we had for other social meetings, ranging from simple fast-food gatherings, to bowling, clubbing, eating out at taverns or arranging home-cooking nights. Our participation in these activities allowed us to interact with the incoming students, through the exchange of ideas, views, opinions and experiences, which created valuable



Apart from the student volunteers, the Volunteering team of IAESTE Cyprus also included non student volunteers. In order to show Cyprus hospitality and close family relations, which are important themes of the every-day life in Cyprus, the student volunteers introduced members of their family into the volunteers' team. Grandparents, uncles and aunts were able to assist by offering their homes to the IAESTE trainees to stay and enjoy during weekends and also by organising afternoon parties and dinners. This extraordinary situation resulted in a Cyprus Volunteering team that was composed of members with different ages ranging from 22 to 83.

The team's contribution to IAESTE Cyprus was very significant with high quality and variety since IAESTE Cyprus is not a student run Organisation. Due to the fact that IAESTE incoming students

were residing throughout Cyprus, we were able to assist in gathering them from different cities for major activities and as a result create a sincere and friendly environment in which they had the opportunity to combine work, entertainment, as well as sightseeing and excursions.

We organised events and activities that were enjoyable and important to both us and the visiting IAESTE students, not only every weekend but also during the week. With the financial help of IAESTE Cyprus and the involvement of our older volunteering members, we organised free trips and weekends in Nicosia, Larnaca, Limassol, Paphos, Paralimni, Ayia Napa and the Troodos beyond borders friendships.

Last summer would not have been so amazing for all of us if it wasn't for IAESTE. We were able to quickly connect with all the trainees, in such a way that we actually had fun; joking with each other while providing them guidance and support during their stay in Cyprus. While showing our country to incoming IAESTE students we were able to see and enjoy our country as never before. While exposing our

culture, traditions, beliefs and life style, in a way that attracted the attention of the incoming IAESTE trainees, we were able to better understand ourselves and others. In the end, we formed friendships which still continue and are voiced through our 'IAESTE Cyprus' facebook group.

As volunteers we believe we have achieved our most important goals. Improvement though is always needed. Our main challenges now are to keep our team strong, make it grow in size and to introduce new ideas, activities and thoughts for the future. We are delighted to be part of the team this year also and welcome the Non-Cypriots permanently living in Cyprus who have now joined our IAESTE volunteering team. We encourage everyone to seek such a unique and valuable life experience opportunity.





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**Participating Employers** 4 Plus Design Adnan Kazmaoğlu Mimarlık Araştırma Merkezi AE Arma - Elektropanc INC AE Mimarlık Atölyesi Ağ Yeni Medya Yayın Danışmanlık San.ve Tic.A.Ş.- W Airties Wireless Networks Akçansa Çimento Sanayi ve Tic. A.Ş. Akdere Peyzaj Ltd Şti. Alpsan Mak. San. Tic. A.Ş. Altınbaş Mücevherat İmalat ve Dış Tic. A.Ş Altis Teknoloji ve Yazılım Altyapı Foundation Engineering and Construction Amper Elektrik İnş.San. A.Ş. Anadolu Endüstri Holding A.Ş. Anot Elektrik Elektronik Otomasyon Ltd Şti ANT Elektronik/Integras ANT Yapı San.Tic Ltd Şti.. Arbiogaz Environmental Technologies INC Artı Proje Ltd Artımobil İletişim Telekom Bilg. San. Ve Tic. A.Ş. Arzu Nuhoğlu Ayten Kancı Landscape Design Office Asa Makina A.Ş. Atatürk Universitesi Atölye Mimarlık AVEZ Elektronik İletişim Eğt. Danş.A.Ş Aytasarim Ltd Sti. Baran Bilgisayar Sağlık Hizmetleri Ltd Şti. Başkent Bilişim Ltd Şti. T.C Çevre ve Orman Bakanlığı Batı Akdeniz Ormancılık Araştırma Müd. Doğu Karadeniz Ormancılık Araştırma Müd. T.C. Bayındırlık ve Iskan Bakanlığı Tapu ve Kadastro Genel Müdürlüğü Karavolları Genel Müdürlüğü Betula Landscape and Construction Co. Bilemek Yazilim Ltd Sti. Bilmer Boğaziçi Ekol Medikal Tic.Ltd Şti. Borusan Mannesmann Burc Makine SAN. Ltd Candeniz Elektronik Ltd Casper Bilgisayar A.Ş. Cematek Müh.Mak.ins.im.San. ve Tic. Cito Türkiye Eğt.Arş.Ölç.Değ.Dan. ve Tic.Ltd Şti. Coşkunöz A.Ş. Çevrim Mühendislik Çimsa Sanayi ve Ticaret A.Ş. Çözüm Bilgisayar DDRLP Architecture and Design Deloitte Danısmanlık A.S Delta Marine Engineering & Computer Trading Co Desnet Yazılım Doğan Yayın Holding A.Ş. Doğutepe Ltd Şti. Dr.Zeydanli Life Sciences Ds Architects DSİ Genel Müdürlüğü Durmazlar Makine san. Tic.A.Ş. EAE Elektrik A.Ş

Ege Universitesi Eksiogullari İnsaat Endustri Ticaret Anonim Şirket Elektro Montaj Elkotek EMESYS Co Ltd EMGE Elektronik Mekanik Gereçler Endüstrisi Koll.Ş Empet Metalurji Endel A.Ş. Energaz ENK Construction Enka İnşaat ve San. A.Ş Entropi Mühendislik Enyap Endüstri Yapıştırıcıları Kimya Sanayi A.S. Eray Elektronik Erka Dizayn Gemi Müh. Hizm. Eskişehir Endüstriyel Enerji Üretim A.S. Eylül Peyzaj & Fidanlık Forza Boyama Geoteknik A.S. Gisan Tersanesi **Gunay Construction Limited** Gülsan İnşaat A.Ş. Hakan Kıran Mimarlık ve Yapı Hiz. Ltd Şti. HLS Makina Ltd IES Eğitim ve Bilg.Tek A.Ş Indefia Infotech Bilişim ve İletişim Tek. A.Ş. Işık Peyzaj Mimarlık Ltd İLG Bilişim Teknolojileri İlke Planlama Mim. Müh. İnş. Bilg. Ltd Şti. İller Bankası İstek İnşaat ve Ticaret A.Ş. İzmit Gaz Dağıtım San.ve Tic.A.Ş. KALE HAVAČILIK Kale Kalı Makine ve Kalıp Sanayi. AŞ Kalekim A.Ş. Kayaalp Architecture Kayalar Kimya sanayi ve ticaret aş Kaynak Elektronik Mak San. Tic. Ltd Şti. Kıraç Metal KMO Bilgi Sistemleri Ltd Şti. Koç Universitesi Konbeton A.Ş. Kormaş Elektrikli Motor San. Ve Tic. Ltd Şti. Koza Otomotiv San. Ve Tic. A.Ş. Küçükçekmece Belediyesi Lal Bahçeleri Man Türkiye A.Ş Maxit Yapı Malzemeleri Sanayi ve Ticaret A.Ş. Mercedes Benz Türk A.S. Mertas İnşaat Sanayi ve Ticaret A.S. Metrolojistik Kalibrasyon Müh. Dan. Eği. Hiz Ltd Microsoft Türkiye MNG Teknik Uçak Bakım Hiz. A.Ş. Moda İlgi Konf.Imal.San.Tic.Ltd Şti Modül Çelik Yapı SAN. Tic. Ltd Şti. Mono Mimarlık Ltd Maden Tetkik ve Arama (MTA) Genel Müd. Nortel Netaş Nova Kalıp Sanayi A.Ş. OBASE Bilgisayar ve Danışmanlık Hizmetleri Tic.A.Ş Orta Doğu Teknik Üniversitesi

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#### VIETNAM

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#### **Participating Institutions**

Nha Trang University Thai Nguyen University of Agriculture and Forestry Thai Nguyen University of Engineering



Katja Prnaver IDT Co-ordinator

## **INTERNET DEVELOPMENT TEAM (IDT)**

The IDT, Internet Development Team, was founded in Copenhagen in 1998 by volunteers from five different countries, with the goal to deliver IT services to IAESTE. Today twelve volunteers from eight different countries are involved in IDT.

The services include anything which the Organisation requests, such as web and e-mail services. The

team provides overall support for the internal IAESTE IntraWeb, including the administration of servers, technical assistance for the Alumni Association and assists with other technical issues which may arise.

The IDT maintains the public website, www.iaeste.org, which provides information on IAESTE and links to all countries' home pages and contact details.



Livar Bergheim Alumni Association Co-ordinator

## **ALUMNI ASSOCIATION**

At the General Conference in January 2009 a renewal of the IAESTE Alumni platform was decided. Currently the Association is working on a concept to improve accessibility for IAESTE Alumni and to make better use of the benefit of an International network. IAESTE International has placed more than 326,000 students on an internship abroad in its 60 years of history. Re-connecting these former trainees links people around the world and facilitates the contact with former IAESTE trainees. Additionally the Alumni Network offers an attractive platform for Companies, Partners and Sponsors of IAESTE International.

To reach these goals and further strengthen the wider IAESTE community, IAESTE intends to re-launch a new Alumni network by 2010.

For the moment the current IAESTE Alumni Network, with more than 10000 members, offers an excellent opportunity to stay in touch with other Friends of IAESTE: www.iaeste.org/friends



Gerhard Gevelmann Interim SID Co-ordinator

## **SEMINAR ON IAESTE DEVELOPMENT (SID)**

SID serves IAESTE by bringing together IAESTE Members and Co-operating Institutions to discuss issues of best practice, administration, organisational advancement and the development of the Organisation. Unlike the Annual Conference, which focuses on the exchange of traineeships, SID provides a structured forum for delegates to discuss ideas and actions to improve IAESTE as an International Organisation. Work Groups work on specific tasks requested by the General Conference, the IAESTE Board and the Membership at large provide the topics to be discussed at SID. In addition, a number of ongoing tasks such as Mentoring, Annual Conference Introductory sessions and updating of IAESTE Forms and materials are tackled by SID. The results from the Work Groups are refined over the year into recommendations that go back to the Board and then to the General Conference for official voting and implementation.

## THE IAESTE OMBUDSMAN

The post of Ombudsman was created by a decision of the 2001 Annual Conference of IAESTE held in Durban, South Africa. The Ombudsman is an independent person, to whom students can report complaints about unfair treatment, with the aim of arriving at a fair settlement. The Ombudsman reports to the General Conference each year about all incidents reported to him from students. He also proposes measures to prevent similar incidents in future.

Bernardo J Herold, the former National Secretary of IAESTE Portugal, is the IAESTE Ombudsman.

For further information on the Ombudsman please go to <u>www.iaeste.org</u>

or contact him at <a href="mailto:ombudsman@iaeste.org">ombudsman@iaeste.org</a>

or write to: Office of the Ombudsman, P.O Box 1066 2771-901 Paço de Arcos, Portugal

# IAESTE Worldwide Members and Co-operating Institutions

#### FULL MEMBERS

- Argentina Comité Argentino del IAESTE (1961)\*
- 2. Armenia IAESTE Armenia (1998)\*
- 3. Australia IAESTE Australia (1996)\*
- 4. Austria IAESTE Austria (1949)\*
- 5. Belgium IAESTE Belgium vzw (1948)\*\*
- 6. Bosnia and Herzegovina IAESTE BiH (2000)
  7. Brazil
- IAESTE Brazil ABIPE (1982)\* 8. Canada
- IAESTE Canada (1953)\* 9. Colombia
- IAESTE Colombia (1995)\* 10. Croatia
- IAESTE Croatia Hrvatska udruga za medunarodnu razmjenu studenata prirodnih i tehničkih znanosti (1993)\*
- 11. Cyprus IAESTE Cyprus (1980)\*
- 12. Czech Republic IAESTE Czech Republic (1965)\*
- Denmark
   IAESTE Denmark Polyteknisk Forening (1948) \*\*
- 14. Ecuador IAESTE Ecuador – Universidad San Francisco de Quito (1999)
- 15. Egypt IAESTE Egypt – Faculty of Engineering, Cairo University (1961)\*
- 16. F.Y.R. Macedonia IAESTE (FYR) Macedonia (1994)\*
- 17. Finland IAESTE Finland (1948)\*\*
- 18. France IAESTE France, (1948)\*\*
- Germany
   Deutscher Akademischer
   Austauschdienst Deutsches
   Komitee der IAESTE (1950)\*
- 20. Ghana IAESTE Ghana (1970)\*
- 21. Greece IAESTE Greece (1958)\*
- 22. Hungary IAESTE Hungary (1983)\*

- 23. Iceland
- IAESTE Iceland (1951)\* 24. Iran
- IAESTE Iran (2002) 25. Ireland
  - IAESTE Ireland (1962)\*
- 26. Israel Israel IAESTE Committee (1951)\*
- 27. Japan IAESTE Japan (1964)\*
- 28. Jordan IAESTE Jordan (1978)\*
- 29. Kazakhstan IAESTE Kazakhstan (1995)\*
- **30. Lebanon** IAESTE Lebanon (1966)\*
- **31. Lithuania** IAESTE Lithuania (1990)\*
- 32. Luxembourg Comité Luxembourgeois pour l'Organisation de Stages Industriels (1961)\*
- 33. Malta IAESTE Malta (1984) \*
- **34. Mexico** IAESTE Mexico/AMIPP, A.C. (1985)\*
- **35. Mongolia** IAESTE Mongolia (2001)
- 36. Norway IAESTE Norway (1948)\*\*
- **37. Oman** IAESTE Oman – Sultan Qaboos University (2001)
- 38. Pakistan IAESTE Pakistan (1990)\*
- 39. Poland IAESTE Poland (1959)\*
- **40. Portugal** IAESTE Portugal (1954)\*
- **41. Romania** IAESTE Romania (1998)
- 42. Russia IAESTE Russia (1991)\*
- **43. Serbia** Jugoslovenski odbor za medjunarodnu razmenu
- studenata za strucnu praksu-IAESTE (1952)\* 44. Sierra Leone
- IAESTE Sierra Leone (1991)
- 45. Slovakia IAESTE Slovakia (1965)\*
  46. Slovenia
- IAESTE Slovenia (1993)\* 47. South Africa
  - IAESTE South Africa (1956)\*

- 48. Spain
  - Comité Español para Intercambio de Estudiantes Técnicos IAESTE España (1951)\*
- 49. Sweden IAESTE Sweden (1948)\*\*
- 50. Switzerland IAESTE Switzerland (1948)\*\*
- 51. Syria IAESTE Syria (1965)\*
- 52. Tajikistan IAESTE Tajikistan (1992)\*
  53. Thailand IAESTE Thailand – King Mongkut's Institute of Technology, North Bangkok
- (1978)\* **54. Tunisia** IAESTE Tunisia(1959)\*
- 55. Turkey IAESTE Türkiye (1955)\*
- 56. Ukraine IAESTE Ukraine (1994)\*
  57. United Kingdom
- IAESTE UK (1948)\*\*
- 58. USA IAESTE United States (1950)\*
- 59. Uzbekistan IAESTE Uzbekistan (1997) \*

## ASSOCIATE MEMBERS

- 1. Belarus IAESTE Belarus (2000)
- 2. China including Hong Kong SAR and Macao SAR Council for International Training
  - and Development (2000) The Hong Kong Polytechnic
  - University (1997)
- University of Macau (2004) 3. Latvia IAESTE Latvia (2002)
- 4. Montenegro IAESTE Montenegro (2007)
  - 5. Panama IAESTE Panama – Technological University of Panama (2004)
  - United Arab Emirates IAESTE UAE – University of Sharjah (2000)

#### **CO-OPERATING INSTITUTIONS**

- 1. Botswana University of Botswana (2002)
- 2. Bulgaria Uni-Group (2005)
- 3. India Karunya University (2001)
- India Manipal Institute of Technology (2006)
- 5. Indonesia Unggulan Education Foundation (2007)
- 6. Italy Politecnico di Milano (2001)
- 7. Jamaica JOYST Jamaica (2006)
- 8. Kenya Jomo Kenyatta University of Agriculture and Technology (2004)
- 9. Liberia Cuttington University (2007)
- 10. Malaysia Universiti Sains Malaysia USM (2008)
- 11. Netherlands Hanze University, Groningen (2009)
- Nigeria Federal University of Technology Owerri (FUTO) (2008)
- **13. Nigeria** University of Benin (2007)
- 14. Peru Universidad de Piura (2001)
- 15. Philippines POEC (2007)
- **16. Republic of Korea** Global Association of Training and Exchange (2007)
- **17. Republic of Korea** Keimyung University (2007)
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