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ICEC Executive 2016–2018

Sr. TT Cheung  
Chair

Kwadwo Osei-Asante  
Senior Vice Chair

Peter Smith  
ICEC Secretary General

Gianluca di Castri  
Admin Vice Chair

Julie Owen  
Admin Vice Chair

Angelo Do Valle  
Technical Vice Chair

Andrej Kerin  
ICEC/IPMA Director

Madhu Pillai  
Middle East Director

Dr Alexia Nalewaik  
Research Director  
Immediate Past Chair
ICEC Region Directors
Region 1  Paulo Dias (Brazil)
Region 2  Alec Ray (United Kingdom)
Region 3  Kofi Obeng Ayirebi (Ghana)
Region 4  Eugene Seah (Singapore)

ICEC Advisory Board
Roger Batten  Advisory Board Chair
(ICEC Chair 1996 – 1998)

ICEC Ambassadors
Dr, Alexia Nalewaik  CECChair 2014-16
Carsten Wredstrøm  ICEC Chair 2012-14
Murtala Oladapo  ICEC Chair 2010-12
Peter Cox  ICEC Chair 2008-10
Ginette Basak  ICEC Chair 2006-08
Basie Verster  ICEC Chair 2004-06
Dennis Lenard  ICEC Chair 2000-02
Allen Hamilton  ICEC Chair 1998-2000
Christopher Walker  Inaugural ICEC Chair 1976-1980
Ong See Lian  RICS Global President 2011-12, PAQS Chair 2003-05,
              RISM President 2003-04
Adesh Jain  IPMA Chair 2007-08, ICPMA President 2008-09,
            PMA-India Hon Nat President

ICEC Region Deputy Directors

External Relations
Region 1  José Chacon de Assis (Brazil)
Region 2  Alan Bartrop (United Kingdom)
Region 3  Michael Olayema Shonubi (Nigeria)
Region 4  – Julie Cruz (The Philippines)

Marketing
Region 1  Aldo Mattos (Brazil)
Region 2  Sean Regan (Europe/USA)
Region 3  Jeffery Aful (Ghana)
Region 4  – Keith Yim (Hong Kong)

Standards/Professional Development
Region 1  José Calix (Honduras)
Region 2  Robert de Vries (The Netherlands)
Region 3  Dr Charles Mbelede (Nigeria)
Region 4  – Goh Ngan Hong (Singapore)

Academic Forums/Research
Region 1  Diana Bula (Colombia)
Region 2  Robert de Vries (The Netherlands)
Region 3  Njeri Wachira Towey (Kenya)
Region 4  Professor Anthony Mills (Australia)

ICEC Region Assistant Secretaries
Region 1  Heitor Luz (Brazil)
Region 2  To Be Advised
Region 3  Osei Agyeman Badu (Ghana)
Region 4  Zhang Xianwan (China)
Message from ICEC Chair
Mr. T T Cheung. J.P

Travelling seems to be part of the chairman’s diary. Unless you like travelling as I do, you will find it hard especially when a couple of long haul flights are in a row. I like travelling as I can meet old and new friends, exchange views on the development of our profession in different part of the world, enjoy the good foods and take chance to have some sight seeing.

I attended the ICEC Region 2 meeting in London last November. Region 2 is geographically the smallest amongst the 4 ICEC regions but it is the region with the greatest cultural challenges. The diversity of thoughts and priorities of services are quite obvious. Project control is the area of major concern of members. I have the opportunity to meet with the young member representatives from this region and to hear what they see the directions our profession should move forward.

I attended the ICEC Region 1 meeting in Palm Springs in conjunction with the AACE Region 6 Winter Workshop in February this year. The focus of this region seems to be more on developed software and its application in scheduling and project control. I also have the opportunity to speak with the AACE Young Members Representative and to learn the exciting programs that they had commissioned.

The meetings with the young members of regions 1 and 2 gave me further assurance on the need of creating a young chapter for ICEC. In Region 4, I have created the Young Quantity Surveyors Group (YQSG) under the PAQS some 10 years’ ago and they are running in good shape. I am confident that at the coming board meeting in November 2018 in Sydney, we will have some sensible discussion on the creation of the Young Chapter for ICEC, a task which I have been working hard over the past few years.

We have also commissioned a few projects including a construction glossary in various languages, business directory and mentorship for young members. I trust that we would be able to report more in the coming board meeting.

Lastly, I wish to express my sincere thanks to ACostE and AACE for their assistance in organizing the regional meetings and to the executive team of ICEC for their unfailing works.
Welcome to the May 2018 ICEC International Roundup Newsletter. This newsletter is usually published twice a year in March and October. This edition has been published in May to enable incorporation of the latest details for the upcoming 2018 joint ICEC World Congress & PAQS Congress and the ICEC Council Meeting in November 2016 in Sydney, Australia.

I would like to encourage all member associations and their individual members to contribute articles and other relevant information for each newsletter. It provides a good opportunity to promote congresses, seminars, forums, projects and other activities of your association.

ICEC SECRETARIAT

The ICEC Secretariat continues to be hosted by the Australian Institute of Quantity Surveyors (AIQS). The AIQS have undertaken this role since 2004 and provide considerable administrative, accounting and general support for the Secretariat. The ICEC Administration Manager position forms part of the Secretariat with the manager employed by the AIQS with dual roles as the Executive Assistant to the AIQS CEO and the ICEC Administration Manager.

A new appointment to this role was made earlier this year. Kristy Gardiner was appointed to the role towards the end of January 2018.

2018 JOINT ICEC/PAQS WORLD CONGRESS – SYDNEY, AUSTRALIA

The ICEC 11th World Congress and Council Meeting will be held jointly with the Pacific Association of Quantity Surveyors (PAQS) 22nd Congress in Sydney, Australia from 15-20 November 2018. The event is being hosted and organised by the Australian Institute of Quantity Surveyors (AIQS) and will be held at the new International Convention Centre in Darling Harbour, Sydney. Further information about the congress and the draft meetings program can be obtained via the congress website at:


Registrations for the congress recently opened.

The 41st Meeting Session of the ICEC Council will be convened on Thursday/Friday 15-16 November 2018 prior to the Congress. Region 4 (Asia-Pacific) member associations who are also members of PAQS will also attend the PAQS annual board meeting on Saturday 17 November. ICEC executive officers will also be invited to the PAQS Board meeting as observers.

Plans are also in place to organize regional workshops on the Saturday 17 November for member association delegates from Regions 1, 2 and 3.

A feature article on the congress is included in this newsletter.
2017 ICEC REGIONAL MEETINGS

The following regional meetings were held during 2017:

Region 1 – North & South America
4-5 July 2017 - Rio de Janeiro, Brazil.
Held in conjunction with the national Brazil Cost Engineering Day & IBEC Meetings.

Region 2 – Europe & Near East
17 November 2017 – London UK (Mott MacDonald Office, 10 Fleet Place, London)
This was preceded by:
15 November - IET/ACostE Project Controls Network Prestige Lecture presentation by Cranfield University on the “Future of Cost Engineering”, London
16 November - World Project Controls Expo – Emirates Stadium, London

Region 3 – Africa
2 November 2017, Kampala, Uganda
The Region 3 meeting was held in conjunction with the Africa Association of Quantity Surveyors (AAQS) General Assembly and African Cost Congress hosted by the Kenyan Institute of Quantity Surveyors and the Africa Association of Quantity Surveyors from 2-3 November 2017

Region 4 – Asia Pacific
23 July 2017 – Vancouver, Canada
The Region 4 meeting was held in conjunction with the 21st Pacific Association of Quantity Surveyors (PAQS) Congress and PAQS Annual Board Meeting held from 22-25 July 2017.

2018 ICEC REGIONAL MEETINGS

Most regional meetings for 2018 are still being organised. The following provides an update on the status of these preparations.

Region 1 – North & South America
Two Region 1 meetings will be held this year (one in North America and the other in South America). The North America Region 1 meeting was held on 8 February 2018 in conjunction with the AACE Western Winter Workshop in Indian Wells, California, USA.
The South America Region 1 meeting will be held by the Brazilian Institute of Cost Engineering (IBEC) in conjunction with their national Brazil Cost Engineering Day & IBEC Meetings. This will be held on 6-7 August in Sao Paulo, Brazil.

Region 2 – Europe & Near East
A special Region 2 meeting will be held just prior to the ICEC/PAQS Congress in Sydney Australia on 17 November 2018.

Region 3 – Africa
Discussions are currently taking place on the venue/date for the ICEC Region 3 meeting. No further details are available at this stage.

Region 4 – Asia-Pacific
The main Region 4 meeting will from part of the ICEC/PAQS meetings at the World Congress in Sydney, Australia from 15-17 November, 2018.
ICEC has recently approved a membership application from the Institution of Surveyors Uganda (ISU). Details about the institution can be found at: http://www.surveyorsofuganda.org/

The ISU application was sent to all ICEC member associations for voting on the 21 February 2018 and the voting period finished on 21 May 2018. All votes received by member associations were strongly in support of the application.

We welcome the ISU to the ICEC Membership and look forward to many years of collaboration. Our congratulations!

Ongoing discussions are being held with a range of organisations for potential membership. This includes associations from Indonesia, India, Brunei, South Korea and many countries in South America.
The Australian Institute of Quantity Surveyors (AIQS) is proud to host the joint 11th International Cost Engineering Council (ICEC) World Congress & the 22nd Annual Pacific Association of Quantity Surveyors Conference in 2018. The event, which also features the 3rd International QS BIM Conference, is expected to attract over 400 local and international participants from a variety of professions including:

- Quantity Surveyors
- Cost Planners
- Cost Engineers
- Cost Estimators
- Project Managers
- Project Controls Managers
- Contract Administrators
- Cost Managers

Attendees will meet over the 3 days to discuss the latest techniques, standards and issues facing the industry today and in the future.

We look forward to seeing you in Sydney in November.
Keynote Speakers

*Stay tuned for more Keynote Speaker announcements.*

**Professor Genevieve Bell**

Director of the 3A Institute, Florence Violet McKenzie Chair and Distinguished Professor at the Australian National University, and a Vice President and Senior Fellow at Intel.

Professor Bell is the Director of the 3A Institute, Florence Violet McKenzie Chair, and Distinguished Professor at the Australian National University (ANU), as well as a Vice President and Senior Fellow at Intel. Prof Bell is a cultural anthropologist, technologist and futurist best known for her work at the intersection of cultural practice and technology development.

Prof Bell joined the ANU in February 2017, after having spent 18 years in Silicon Valley, helping guide Intel’s product development by developing the company’s social science and design research capabilities.

Prof Bell now heads the **Autonomy, Agency and Assurance (3A) Institute**, launched by the ANU in collaboration with CSIRO’s Data61, tasked with building a new applied science around the management of artificial intelligence, data, technology and their impact on humanity.

Prof Bell is the inaugural appointee to the Florence Violet McKenzie Chair at the ANU, named in honour Australia’s first female electrical engineer, which promotes the inclusive use of technology in society. Prof Bell also presented the highly acclaimed **ABC Boyer Lectures** for 2017, in which she interrogated what it means to be human, and Australian, in a digital world. Prof Bell completed her PhD in cultural anthropology at Stanford University in 1998.

---

**Dr Ben Guy**

Founder and CEO – Urban Circus Pty Ltd.

Ben Guy is doctorate qualified urban planner; and degree-qualified psychologist and physicist. He is the founder and CEO of **Urban Circus Pty Ltd**. A Circus (such as Oxford Circus, London) is an urban outcome with an emergent Spirit of Place creating high economic value with integrated functionality across elements. Ben believes such outcomes should be the de facto in city development and has built a planning system and service to support this thinking. Now deployed in many major jurisdictions and projects. This system empowers clients to control project planning, ensure integration and maintain stakeholder alignment for accelerated progress with quality outcomes.

*Draft Conference Program: [www.icecpaqs2018.com/program](http://www.icecpaqs2018.com/program)*
# Registration Fees

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>Early Bird fee(^)</th>
<th>Standard fee</th>
<th>Onsite fee available from 18 November 2018</th>
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<tr>
<td>AIQS &amp; other ICEC/PAQS</td>
<td>$880</td>
<td>$1,100</td>
<td>$1,200</td>
</tr>
<tr>
<td>Association Members(\ast)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non Member</td>
<td>$1012</td>
<td>$1,265</td>
<td>$1,365</td>
</tr>
<tr>
<td>Undergraduate Student(\ast)</td>
<td>$275</td>
<td>$407</td>
<td>$500</td>
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All fees are listed and will be charged in Australian Dollars. Fees also include Goods & Services Tax (GST).

To view the current foreign exchange rates, please visit [www.xe.com/currencyconverter](http://www.xe.com/currencyconverter).

\(\ast\) Members of ICEC and PAQS member associations are entitled to a discounted registration fee. Please check if your local membership body is a member (ICEC Members / PAQS Members).

\(\ast\) Undergraduate student is defined as a holder of a undergraduate student identification card from a recognised tertiary or secondary educational institution or a holder of an international student card. Students must be studying full time to qualify for the discounted rate. A copy of your student identification card must be sent to events@aiqs.com.au to confirm this rate. Without this copy, the full registration fee will be charged.

\(^\) Early bird registration rates expire on Friday 28 September 2018 at 5pm AEDST. Registration and payment must be received by this date to secure the discount.

Register by the Early Bird deadline & Win!

All registrations booked and paid by the early bird deadline will go in the draw to win a BridgeClimb for 2 people.

www.icecpaqs2018.com/registration
Social Functions

**Cocktail Reception**

**Date:** Sunday 18 November 2018  
**Time:** From 5.00pm (at the conclusion of the sessions)  
**Venue:** Conference Exhibition Area  
**Price:** Complimentary for all delegates

Catch up with friends and colleagues at the official conference Cocktail Reception. Enjoy drinks and canapés as you peruse the exhibition displays and enjoy the evenings entertainment.  
*Sponsored by Construction Cost Consultants*

**Conference Dinner**

**Date:** Monday 19 November 2018  
**Time:** From 6.30pm  
**Venue:** Doltone House – Jones Bay Wharf  
**Price:** Delegate Ticket $165 (inc GST) / Guest Ticket $187 (inc GST)

Join us for an evening of entertainment, fine wine and dining at Doltone House – Jones Bay Wharf. This unique heritage venue offers views of the city skyline and Sydney Harbour Bridge. Tickets to the Conference Dinner are not included in the registration fee and can be purchased at the time of registration.

**PAQS Annual Golf Day & Tournament**

**Date:** Thursday 15 November 2018  
**Time:** Pick up times from 7.00am  
**Venue:** Northbridge Golf Club (transport from conference hotels included)  
**Price:** $220 (inc GST)

The Annual PAQS Golf Day & Tournament returns in 2018 at the stunning Northbridge Golf Club. Carved from the rugged sandstone escarpment overlooking Sydney’s Middle Harbour, Northbridge Golf Club provides a picturesque 18 hole challenge for members and visitors. Ticket price includes:

- Return transport  
- 18 holes of golf  
- Motorised golf cart hire  
- 2 course lunch & limited beverages  
- *Club hire is available on the day*

[www.icecpaqs2018.com/registration](http://www.icecpaqs2018.com/registration)
Accommodation

Discounted accommodation options for delegates and exhibitors have been secured close to the conference venue. By reserving your room at our conference hotels, you will help ICEC-PAQS avoid financial penalties, and keep registration fees lower for future conferences.

Please ensure you book online at www.icecpaqs2018.com/accommodation

Book early to secure your accommodation before it is sold out.

**Sofitel Sydney Darling Harbour**

12 Darling Dr, Sydney NSW, 2000

*5 Stars* | Located next to Conference Venue

Located next door to the International Convention Centre

Sydney, the brand-new Sofitel Sydney Darling Harbour opened in December 2017. Give your Sydney journey a sophisticated setting by choosing a beautiful harbour-side haven from 590 luxurious rooms, including 35 lavish suites. Spread over 35 floors enjoy the latest technology and contemporary décor with chic French touches.

**Novotel Sydney Darling Square**

17 Little Pier Street, Darling Harbour, Sydney NSW, 2000

*4 Stars* | 7 minute walk to Conference Venue

Enjoy contemporary comfort and friendly, around-the-clock service at Novotel Sydney Darling Square. Located in the heart of Darling Harbour, near to the new ICC Sydney and walking distance to attractions like the Darling Quarter and Chinatown, our accommodation is equally suited for business or holiday visits to the Sydney CBD and Darling Harbour.

**Oaks Goldsborough Apartments**

243 Pyrmont Street, Darling Harbour, Sydney NSW, 2009

*4 Stars* | 5 minute walk to Conference Venue

For travellers in search of centrally located apartment accommodation in one of Sydney’s most sought-after locations, Oaks Goldsborough Apartments in Darling Harbour is the perfect choice. Combining comfortable, self-contained living this hotel is perfect for every kind of stay; whether you’re in town for one night or looking for an extended stay.
Destination Sydney

Set on the world’s largest natural harbour, Sydney is Australia’s iconic face to the world. It’s home to the World Heritage-listed Sydney Opera House and Sydney Harbour Bridge, and tops most people’s list of dream destinations. The city consistently ranks high on global measures of liveability, sustainability, and health, safety and security.

Well known as a place of breathtaking natural beauty, Sydney is also home to a rich base of mind-blowing local talent that is helping to shape our future. The city is energetic and engaging; a hive of innovation across a number of key industries, including financial and professional services, the digital economy, education and research, and medical sciences.


*Photo Credit: Tourism Australia*

Conference Sponsors

For a list of Exhibitors, please visit: [http://www.icecpaqs2018.com/supporters](http://www.icecpaqs2018.com/supporters)
COST ENGINEER NATIONAL DAY 2017

Last year the Brazilian Institute of Cost Engineering (IBEC) celebrates its 39th anniversary. The Cost Engineer’s Day and the 39-year festivity of IBEC had special meaning. Celebrated since 2007 in accordance with the State Law nº 4.905/2006, the Cost Engineer Day was this time celebrated at national level. Sanctioned on June 22 and written by former federal congressman Edinho Bez (from the PMDB-SC party), the Federal Law nº 13.453/2007 has the major objective of acknowledging the value of this field of Engineering that explores the cost of construction works and services.

The Law pays a tribute to a profession focused on the collaboration and validation of budgets and cost planning of the project through all phases of the construction work or service, as well as the cost management and cash flow. According to 2013 data from the Consumer’s National Public Department, 22% of the complaints in the area of civil construction and housing correlate to contract breach by Construction Companies. In this scenario, the activity of the cost engineer becomes vital to ensure the work’s operational and economic viability.

During the 2017 Cost Engineer National Day solemnity, former federal congressman Edinho Bez, alongside the authors of the Rio de Janeiro state law, deputies Paulo Ramos and Liz Paulo Corrêa da Rocha, were the top honored personalities on the night of 4th of July at Clube de Engenharia de Brasília-CEnB (Engineering Club of Brasilia). They were bestowed the ‘Brazilianity’ Award, granted to those who have excelled through actions for the development of our nation.

“We are very happy about the sanctioning of the Cost Engineer National Day, and also very grateful to our honoree congressmen. They have played a role, crucial to the creation of this Law, which valorizes not only the professionals in this specific area, but in the field of Engineering as a whole. The tribute is certainly well deserved”, stated IBEC President and America’s Regional ICEC Director Paulo Roberto Vilela Dias, M.Sc (UFF) and CRK (IBEC/ICEC).

More professionals, companies, educational institutes, cost engineering book authors and personalities, who have stood out by contributing to the development of cost engineering

and project management, and through their efforts to foster high-quality education were honored at the event. This year’s ‘Cost Engineer of the Year’ was Mr. Flávio Correia de Sousa.

Throughout the evening, in the country capital, IBEC introduced its modernized logotype - reaffirming the Institute’s sound, consistent image, and also its mascots - João-de-Barro and Joana-de-barro (a couple of rufous homeros). After the solemnity the guests were gifted the plusher of the mascots and enjoyed the specially prepared dinner and IBEC’s 39th birthday cake.

During the ceremony, the American Regional ICEC Board of Directors granted the office charge certificates to its present Board members. In America, ICEC Regional Board is represented by Brazilians Paulo Roberto Vilela Dias, Regional Director in America; José Chacon de Assis, Deputy Director for External Affairs; Aldo Dórea, Deputy Director for Marketing; and Heitor Luz, Regional Secretary. The board is also made up of Colombian Diana Bula, Deputy Director for Academic Research and honduran José Calix, Deputy Director for Professional Development.
INTERNATIONAL MEETING 2017
IV Edition

On the morning of the 3rd of July, IBEC - the Brazilian Institute of Cost Engineering, hosted the International Meeting - an official rendezvous for professionals from all over the country and from many parts of the world to discuss global scenario of Cost Engineering and Project Management. On its 4th edition, the International Meeting was held at the auditorium of CREA-DF and coordinated by the City Court of Auditors’ External Control technician of the State of Ceará and IBEC’s Regional Director in Ceará, eng. Márcio Soares da Rocha.

The ceremonial opening board had the presence of eng. Márcio, IBEC President and ICEC Regional Director in America - Paulo Roberto Vilela Dias (M.Sc-UFF and CRK-IBEC/ICEC), IBEC International Vice president - José Chacon de Assis, and CREA-DF President - Flávio Correa de Sousa. Afterwards, the series of debates started with Márcio da Rocha, presenting his lecture entitled “Engineering Audit: Concepts and Current Outlook”.

The engineer conducted his presentation expatiating on the definition of Engineering Audit, its application fields and main purposes, besides pointing out the irregularities, most frequent to construction works in Brazil and the perspectives for this activity in the years to come, based on current tendencies.

The event had also lectures from eng. André Mendes, from the Federal Court of Auditors (TCU), Sérgio Rodovalho, from the federal financial institution Caixa Econômica Federal, André Kuhn, from the Federal Public Prosecutors bureau (MPF) and Mário César Lopes Júnior, Federal Police expert. Mr. Mário César presented a study on public construction work cost analysis, while Mr. André Mendes talked about budget of works public licitations. Mr. Sérgio Rodovalho discoursed on innovations in the referential system of construction costs - SINAPI, and André Kuhn spoke of measurements and public work installments payment.

Each presentation brought up information and relevant reflections about the analysis of the expenditure with public constructions in Brazil.

Following the lectures, the audience were invited to comment and pose questions and contributions to the themes, addressed during the happening.

INNOVATION
Auspicious partnership with UERJ - University of the State of Rio de Janeiro

Book launch: ‘Innovative Technologies and Consciousness Expansion’
UERJ’s Department of Innovation (InovUERJ), together with the Brazilian Institute of Cost Engineering (IBEC), has launched the book ‘Innovative Technologies and Consciousness Expansion’ by publisher Editora Ciência Moderna.

The book’s release, organized by UERJ Prof. Antônio Carlos Azevedo Ritto and Marinilza Bruno de Carvalho, is made by IBEC President Paulo Dias.

The book gathers the views of various specialists on the growing power of technologies such as: the networks and the most intense means of communication that pave the way for new approaches. According to specialists, as new technology arrives, more people get involved with applications and media products, which stimulates the creation of new, more agile and effective processes and production relations.

At the book’s release, UERJ’s innovation team held a gathering promoting different themes exemplified at the happening, from BigData, by Ana Claudia R. da Silva, Quirino, to ‘The Internet of Things’ by Marinilza Bruno de Carvalho and Austeclynio Pereira, to ‘Mind Maps’ by Ecio Leme.
The literary work is part of the project ‘Studies of Consciousness’, which researches the several dimensions and contexts of the expansion of consciousness. Its primary goal is to provide consciousness widespread and perception widening and, in its basis, the development, in people, of a leading self-awareness and posture in life. The project's first literary work is 'Consciousness According to Different Currents of Thought'.

The IBEC and the InovUERJ are also working together with two new books about: Governance and Compliance Engineering. Both books will be launch in 2018. This research and dedication reveal the engagement of this strong and promising partnership between the two institutions. IBEC is partners with UERJ through InovUERJ and, together, they offer the 'Post Graduation on Innovation Management' course, with a main goal of qualifying the student to the elaboration of innovative projects, stimulating the entrepreneurial spirit - and other short courses.

FACULDADE IBEC

IBEC’s new venture aimed at graduation, launched officially during the ceremony of the Cost Engineer Day 2017.

Named FAATESP - Faculdade Álvares de Azevedo, the college offers higher education courses as associate degree (Bachelor). All courses are licensed by MEC (Ministry of Education), besides being part of MEC’s National Catalogue of Qualifications. They all grant higher education diplomas, allowing continuing education through post graduation (Lato sensu and Stricto sensu).

The IBEC through FAATESP has already filed a request with the Ministry of the Education (MEC) for the creation of a graduation in Cost Engineering, with a claim to be released in 2019, which will mean the pioneering and advancement for this professional area in Brazil.

INTELLIGENT AND HUMANE CITIES

IBEC Projetos e Pesquisas (IBEC Projects and Research), IBEC’s technical services core, has a team of renowned and highly qualified professionals; and now it presents a new expertise: Intelligent and Humane Cities (Smart Cities), an innovative subject that finds smart, technological and sustainable solutions for resources like geolocation and traffic information, safety management, street lighting and access to health and education services.

IBEC CERTIFICADOR

IBEC CERTIFICADOR (IBEC ‘Certification Body’) is a program of professional certification accredited by ICEC, which certifies, in an international level, Cost Engineering professionals.
IBEC performs the Programs of Certification for Senior and Junior Cost Engineer, and Budget and Cost Control Technician Specialist, providing improved quality and recognition to the professionals' experience. For more information: ibeccertificador.org.br.

**INNOVATION, COSTS AND PROJECTS SEMINARS**

Committed with the dissemination, widespread and interchange of knowledge, related to innovation and the science of costs, IBEC has promoted the 'I Seminário Carioca de Inovação, Custos e Projetos' (1st Carioca Seminar on Innovation, Costs and Projects). The event happened on March 28 and had the presence of 350 enthusiasts, interested in the lectures, given by great names of Engineering and Project Management.

The 1st Carioca Seminar on Innovation, Costs and Projects was organized by IBEC in a partnership with ICEC - International Cost Engineering Council, the IPMA Brasil - International Project Management Association, the Club of Engineering, CREA-RJ - Rio de Janeiro’s Regional Council of Engineering and Agronomy, and UERJ - the University of the State of Rio de Janeiro.

The panelists of the Seminar were Prof. Dr. Marinilza Bruno de Carvalho, Director of InovUERJ - UERJ's post-graduation and research Pro-rectory's Innovation Department, (“Entrepreneurship and Information Management”); M.Sc. Raphael Albergarias, President of IPMA Brasil, (“The Cycle of Success: Learn how to Identify each Stage”); M.Sc. Fernando José da Rocha Camargo, CEO of IBEC, (“The importance of Continuing Education in Times of Crisis”); and André Gomyde, Director of Federal District Development Agency - Terracap, (“Smart, Humane Cities”).

Other speakers at the Seminar included Natale Papa Jr., University of Bordeaux’ International Professional Masters Program Executive Coordinator on Business Management, (“A Leap in your Career”); Luiz Antônio Cosenza, (Winners and Errors of the Building Self-inspection Law”); Vinicius Mattos Von Doellinger, CEFET-RJ Administrator, (“The Importance of Knowledge and Technology Exchange between Universities and the Production Sector”); and, finally, Professor Paulo Roberto Vilela Dias, IBEC President and ICEC American Regional Director, pointing current aspects of Cost Engineering - Exoneration, BDI and the new SINAPI.

The Seminar had also the presence of other celebrated professionals, such as Maria Georgina Muniz Washington, UERJ Deputy Vice Chancellor; Pedro Celestino, Club of Engineering President; Antônio Cezar Carvalho Benoliel, President of ALAEST - Latin- American Association of Occupational Safety Engineering; José Chacon de Assis President of the Rio de Janeiro Association of Engineers and Architects; Ivan Ribeiro da Conceição, President of the Brazilian Association of Civil Engineers in Rio de Janeiro (ABENC) and José Tadeu da Silva, President of CONFEA and FEBRAE.

During the event, IBEC signed a partnership agreement with UERJ, which originated the Post-graduation course on Innovation Management, performed by IBEC and certified by UERJ. The agreement represented a major milestone for the Science of Costs.

The I Sao Paulo Seminar on Innovation, Costs and Projects happened on November 21 at the IBEC headquarters in São José dos Campos and had the presence of 80 enthusiasts, interested in the lectures, given by great names of Engineering and Project Management.

*Right picture: Augmented Reality (AR) demonstration*

Already the II Carioca Seminar of Innovation, Costs and Projects – The Future of Engineering happened on November 30, 2017, at Clube de Engenharia (Rio de Janeiro), and received more than 300 people to discuss the future of engineering.
The goal is to, following the steps of other events held by IBEC, take the Seminar to other cities.

5th Annual Meeting

The 5th Cost Engineering Annual Meeting (AACE Brazil) happened on December 2017 in Rio de Janeiro and the engineer Paulo Roberto Vilela Dias (IBEC Region 1 Director) has been honored and acknowledged at the event.

From left to right: Angelo Valle - ICEC Technical Vice Chair, Filipe Alves - AACE Brasil President, John Livengood - AACEi Past President and Aldo Mattos - ICEC Reg.1 – Marketing

IBEC around the World / ICEC REGION 1

IBEC has been a member of ICEC since 1981. In recent years, the IBEC has been working intensively in Latin America, disseminating the Science of costs in the continent and expanding its borders. Since 2013, the president of IBEC and ICEC Americas Director, Paulo Dias, held seminars and been present at international conferences and fairs in the Region. Its main objectives are the strengthening of Cost Engineering and a professional
appreciation of engineers. As a result, the IBEC signed agreements with entities from Cape Verde (Africa) and five Latin American countries: Argentina, Bolivia, Colombia, Cuba and Honduras. Since then, the ICEC Region 1 has oftenly performed congresses, ceremonies and seminars.

Partnership / Agreements:

Argentina - **Consejo Profesional de Ingeniería Química (CPIQ)**
Bolivia - **Sociedad de Ingenieros de Bolivia (SIB)**
Cape Verde – **Ordem dos Engenheiros de Cabo Verde (OECV)**
Chile - **Departamento de Ingeniería y Gestión de la Construcción**
**Escuela de Ingeniería - Pontificia Universidad Católica de Chile (PUC Chile)**
Colombia – **Sociedad Colombiana de Ingenieros (SCI)**
Costa Rica - **Asociación Costarricense de Ingeniería en Mantenimiento (ACIMA)**
Cuba - **Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba (UNAICC)**
Honduras – **Colegio de Ingenieros Civiles de Honduras (CICH)**
Portugal - **Faculdade de Engenharia da Universidade do Porto (FEUP)**
Italy - **Societá Dante Alighieri**
Germany - **Global Partners Bayern e.V.**

**UPADI - Unión Panamericana de Asociaciones de Ingenieros**
**Accreditation REP IPMA Global (International Project Management Association)**

**News**
**IBEC Jovem “IBEC Young”**

IBEC Jovem was launched this year of 2018. The project was idealized by partners IBEC and ICEC and has the main goal of supporting the new engineers to advance their careers and build a better world. The IBEC Jovem is geared toward graduates in many different engineering areas graduated up to 3 years ago and offers amazing discounts, making their entry into IBEC degree courses all round the Brazil more easy. In just one month the project received more than 100 enrolments.

**Cost Engineer Glossary**

IBEC has been actively working on the elaboration of the Glossary in Cost Engineering in order to contribute to ICEC in this project, which will allow a standardization of terms used in this area around the world. This project is already in an advanced step.
Gallery
SPECIAL INVITATION

ICEC 2018 REGION 1 (AMERICAS) MEETING – BRAZIL and COST ENGINEER NATIONAL DAY - AUGUST 2018

Next ICEC meeting in Region 1 will be in São Paulo, Brazil, August 6th, 2018.

ICEC’s Region 1 will host an international Assembly of engineers and project managers from all round the world, especially from South, Central and North America, with the presence of our fellows from Iberian Peninsula and the Portuguese-speaking countries from Africa.

It will be a gathering of professionals with presentations and discussions on current subjects and the projects in motion in each of their nations. IBEC is certain that this will be yet another great opportunity to recognize and acknowledge the demands and necessities of the Region it represents in the International Cost Engineering Council, in order to properly fulfil them. The meeting is to be from 9 a.m. to 4 p.m.

At August 7th will happen the Cost Engineer National Day and the IBEC will celebrate its 40th anniversary. The solemnity and the cocktail are to be held at 6p.m. It will be a great party and everyone is invited.

Both events will take place at the Engineering Institute, located at Av. Dr. Dante Pazzanese Avenue, 120 - Vila Mariana - São Paulo - SP, Zip-code 04012-180. Booking in your schedule the dates 06th and 07th of August to be with us here in Brazil.

For more information and attendance confirmation, contact us by e-mail: ibec2018@ibec.org.br.

Board of Directors of the IBEC

Paulo Roberto Vilela Dias
IBEC President / ICEC Region 1 Director (Americas)

José Chacon de Assis
IBEC International Vice President / ICEC Region 1 Deputy Director - External Relations

Fernando José da Rocha Camargo
IBEC Executive Vice President

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Gianluca – AICE – Roundup

The AICE, Italian Association for Total Cost Management, will organize its yearly meeting on the 30th of November, 2017. The main purpose of the meeting shall allow the members to meet together in order to share ideas, professional experience, information as well as to find opportunities through networking, the title "applications of TCM in organizations and companies" is quite wide and actually allows for any topic relevant to TCM. The meeting shall be held under the auspices of the FAST (Italian Federation of Scientific and Technical Associations), the Order of Engineers of Milano, the RICS (Royal Institution of Chartered Surveyors) and the SIAS (Italian Society of Architecture and Engineering in Health Care). The programme shall allow for the presentation of 10 technical papers, in Italian language. Out of them, 3 shall be relevant to risk analysis and management, 3 to contract and claim management and 4 to other TCM topics. The meeting shall be completed with an open discussion within the members. After the meeting, the General Assembly of the members shall elect the new Directive Board due to remain in charge from 01/01/18 to 31/12/20. According to the new memorandum of incorporation, approved on 20/09/17, the vote shall be allowed also remotely. It's worthy to note that in the new memorandum of incorporation the mission of the association as well as the very definition of TCM have been updated and the structure of the association has been simplified in order to react quickly to the new challenges that we expect in the next years. The Italian text of the memorandum is already available on the website, while the English translation is due to be available shortly.

Emanuele Banchi (AICE President)
Gianluca di Castri (AICE Past President - ICEC Admin. Vice Chair)

Time to celebrate!

2018 is a big year for Projekt Management Austria (pma), Austria’s oldest and largest project management association: Not only we celebrate our 45th anniversary, our junior unit pma young crew turns 10 years and the pma focus, Austria’s largest and most influential project management congress will be
Why should you subscribe?

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DACE Price Booklet - www.dacepricebooklet.com
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The DACE Price Booklet and website represent actual costs incurred by members of the DACE Special Interest Group Cost Engineering Process Industry: Cost experts who are actively involved in investment projects, at the core of practice. As such, this kind of pricing has great additional value in comparison to catalogue prices.

To order your copy or take out a subscription, please visit www.dacepricebooklet.com or www.vakmedianet.nl.
CIQS Congress 2018 will be hosted by the CIQS – Maritimes Affiliate in Halifax, NS on July 19 – 22, 2018 at the Delta Halifax. The theme of the CIQS Congress 2018 is:

**Building the Maritimes – Where Tradition Meets Innovation**

We look forward to seeing you in Halifax!
If you have any questions please do not hesitate to contact Vanessa Stol at admin@ciqs.org.

**Registration Deadline:** Tuesday, June 26, 2018.
Our 4th ASAQS Annual Conference has adopted the theme of TRACTION to demonstrate our determination as a profession to not only hold our ground but to gain ground as an authority in the built environment.

2 August 2018

Contact Nicolle de Bruyn events@asaqs.co.za
ICEC MEMBER ASSOCIATIONS

Region 1 – North & South America

- AACE (AACE – International) (United States)
- CICH (Honduras Civil Engineers Association)
- CIQS (Canadian Institute of Quantity Surveyors)
- GOGRG (Grupo OFC Guia de Costos)
- IBEC (Institute of Brazilian Cost Engineers)
- SMIEFC (Sociedad Mexicana de Ingenieria Economica, Financiera y de Costos)

Region 2 – Europe and the Near East

- ACoStE (Association of Cost Engineers – United Kingdom)
- AICE (Italian Association for Total Cost Management)
- CAPQS (Cyprus Association of Professional Quantity Surveyors)
- DACE (Dutch Association of Cost Engineers)
- DVP Germany (German Association of Project Managers in the Construction Industry and Real Estate Economy)
- FDP (Danish Project Management Association)
- GTE / MKK (GTE Cost Engineering Club – Hungary)
- ICES (Chartered Institution of Civil Engineering Surveyors – United Kingdom)
- PMA (Project Management Austria)
- PMG (Project Management Greece)
- RACE (Romanian Association of Cost Engineering)
- SMA P (Société de Management de Projet) (France)
- SPPR (Project Management Association of Slovakia)
- SPR (Czech Association of Project Management)
- VSF (Project Management Association of Iceland)
- ZPM (Slovenian Project Management Association)

Region 3 – Africa

- ASAQS (Association of South African Quantity Surveyors)
- GhIS (Ghana Institution of Surveyors Quantity Surveying Division)
- INQS (Institute of Namibian Quantity Surveyors) (ICEC Associate Member)
- IQSK (Institute of Quantity Surveyors of Kenya)
- MAQS (The Mauritian Association of Quantity Surveyors) (ICEC Associate Member)
- NIACE (The Nigerian Institute of Appraisers and Cost Engineers)
- NIQS (Nigerian Institute of Quantity Surveyors)
- SAPCI (Southern African Project Controls Institute)

Region 4 – Asia Pacific

- AIQS (Australian Institute of Quantity Surveyors)
- ACES (Australian Cost Engineering Society)
- BSJ (Building Surveyor’s Institute of Japan)
- CECA (China Engineering Cost Association)
- FIQS (Fiji Institute of Quantity Surveyors)
- HKIS (Hong Kong Institute of Quantity Surveyors)
- IPMSL (Institute of Project Managers Sri Lanka)
- IQSSL (Institute of Quantity Surveyors Sri Lanka)
- RISM (Royal Institution of Surveyors, Malaysia)
- NZIQS (New Zealand Institute of Quantity Surveyors)
- PICQS (Philippine Institute of Certified Quantity Surveyors)
- PMAI (Project Management Associates – India)
- SISV (Singapore Institute of Surveyors and Valuers, Quantity Surveying Division)