

Executive Committee Meeting

Thursday, November 17, 2016, 08:00 – 11:00 hrs
Hilton Hotel, 333 O'Farrell St, San Francisco, CA 94102, USA

Minutes

Participants:

Justin Blades, IChemE, UK
Bond Calloway, AIChE, USA
Rafiqul Gani, EFCE, Denmark
Antonio Estevez, IACChE, Puerto Rico
Bette Lawler, AIChE, USA
Willi Meier, EFCE, DECHEMA, Germany
Carlos Negro, Organizer World Congress 2017, Universidad Complutense Madrid, Spain
Shuichi Yamamoto, SCEJ, Japan
Vahid Tagkikhani, IACChE, Iran
Philippe Tanguy, Total, Germany (Chairman)
June Wispelwey, AIChE, USA
Zheng Liu, CIESC, China

Via Phone:

Oscar Pagola, IACChE, Organiser World Congress 2021, Argentina
Jules Thibault, IACChE, CSCChE, Canada

1. Welcome by the Chair, note and accept Apologies

The Vice-President Philippe Tanguy opened the meeting at 08:00 am welcoming those present. Ten voting delegates were present such that the requirements for a quorum were fulfilled according to the statutes.

2. Minutes of the last meeting

The minutes of the last meeting (Beijing, May 10, 2016) were approved.

3. New Vice Chairman

Several potential candidates were discussed. It was decided to organize a postal vote in January 2017. Council members will receive a CV of the candidates and will be asked to vote for one single candidate.

4. Presentation of the Iranian Association of Chemical Engineering (IChE)

Vahid Taghikhani presented the activities of the IChE and proposed a collaboration between the WCEC and the IChE.

Council members welcomed the proposal. It was decided that the WCEC will sponsor the International Chemical Engineering Conference which will take place on Kish Island in December 2017. Furthermore it was proposed that the IChE should be involved in the creation of a Federation covering Africa and the Middle East. IChE should contact the South African Institution of Chemical Engineering to discuss potential next steps.

The presentation of Mr. Taghikhani can be found in the Annex.

5. World Congresses

5.1 Barcelona (1st October – 5th October, 2017) – Prof. Carlos Negro

Mr. Negro presented details of the latest developments concerning the next World Congress. In order to reach an important participation several events were integrated in the congress:

- 11th European Congress of Chemical Engineering
- 4th European Congress of Applied Biotechnology
- Expoquimia Exhibition
- 27th European Symposium on Computer-Aided Process Engineering (ESCAPE 27)

More details are available at the website <http://wcce10.org>

5.2 Buenos Aires August/September 2021

Mr. Pagola presented the latest information about the WCCE 2021 at the Council meeting. More information can be found in the enclosed presentation.

5.3 World Congress 2025 Asian Pacific Region

Mr. Yamamoto informed the Council that the APCChE has chosen Beijing as venue for the World Congress 2025.

Council Members expressed their irritation about the selection process because at the last Council meeting it has been agreed that APCChE should nominate at least two bidders which could present their proposal at the WCEC Council meeting.

In the past the decision was made by the regional Federation and afterwards endorsed by the WCEC. This procedure has been changed at the WCEC Meeting in Beijing in 2016.

After some discussion the WCEC Council accepted the decision of APCChE nevertheless for future WCCEs a new selection procedure has to be defined. It has been proposed that the selection will be done within the WCEC exclusively.

The Chinese bid for 2025 should be presented at the next Council Meeting in Tokyo.

6. Activities of WCEC related to the Grand Challenges

It was decided to organize a WCEC session related to the Grand Challenges at the Annual Meeting of the Society of Chemical Engineers, Japan in Tokyo on March 7, 2017. This meeting will be the start of a series of meetings which will end with an event taking place at the World Congress in Barcelona where a Barcelona Communique related to the Grand Challenges could be published.

7. Reports from the Regional Federations

7.1 Reports from IACChE and AAIQ

Mr. Pagola, Mr Thibault and Mr. Estevez reported on the latest activities of the Interamerican Federation and their member societies AAIQ and CSChE. The presentations can be found in the Annex.

7.2 Report from APCChE

The major activity of the Federation will be their next congress which will take place in Hongkong from 23 -27 August 2017. Around 700 – 1,000 participants are expected.

7.3 Report from EFCE

The main activities of the EFCE are related to the World Congress which was discussed under item 5.1.

EFCE has now 33 member societies and represents around 100,000 chemical engineers in Europe. In 20 thematic working parties all topics of chemical engineering are covered.

8. Future Congresses

The following list contains the congresses organized by the Regional Federations:

17th Asian Pacific Confederation of Chemical Engineering Congress,
Hong Kong, 23 - 27 August 2017

10th World Congress of Chemical Engineering 2017
Barcelona, Spain, 1 - 5 October 2017,

XXIX Interamerican Congress of Chemical Engineering,
Toronto, Canada, 28 - 31 October 2018

18th Asian Pacific Confederation of Chemical Engineering Congress,
Sapporo, Japan, 23 – 27 September 2019

11th World Congress of Chemical Engineering August/September 2021
Buenos Aires, Argentina

12th World Congress of Chemical Engineering August/September 2025
Buenos Aires, Argentina

9. Any other business

Mr Zheng proposed that WCCE should be more engaged in the Education of Chemical Engineering. Council Members welcomed the proposal and the topic will be re-discussed at the next meeting.

10. Next meeting

It was decided to organize the next meeting during the Annual SCEJ Meeting in Tokyo, Japan on March 6, 2017.

The next but one meeting will take place during the WCCE congress in Barcelona 2017.

Annex:

Presentation of the Iranian Association of Chemical Engineering

Presentation of the Interamerican Congress 2018

Presentation of AAIQ

WCEC-IAChE

Potentials for Mutual Collaborations

VAHID TAGHIKHANI

Iranian Association of Chemical Engineers

Chemical Engineering Professor, Sharif University of Technology

Adjunct Professor and Lecturer, Rice University, Houston TX



Outline

- Chemical Engineering Community in Iran
- Brief Introduction to the IChE Activities
- IChE Organization and Sub-Committees
- International Collaborations
- IChE Forthcoming Events
- WCEC-IChE Joint Activities

Chemical Engineering in Iran



World's biggest methanol synthesis



Milionis are working in Energy Industry

- Oil and Gas
- Petrochemical Cement
- Glass
- Detergent and Cosmetic
- Pharmaceutical
- Downstream Products, Lubricants
- Food Industry
- Other Energy Sectors

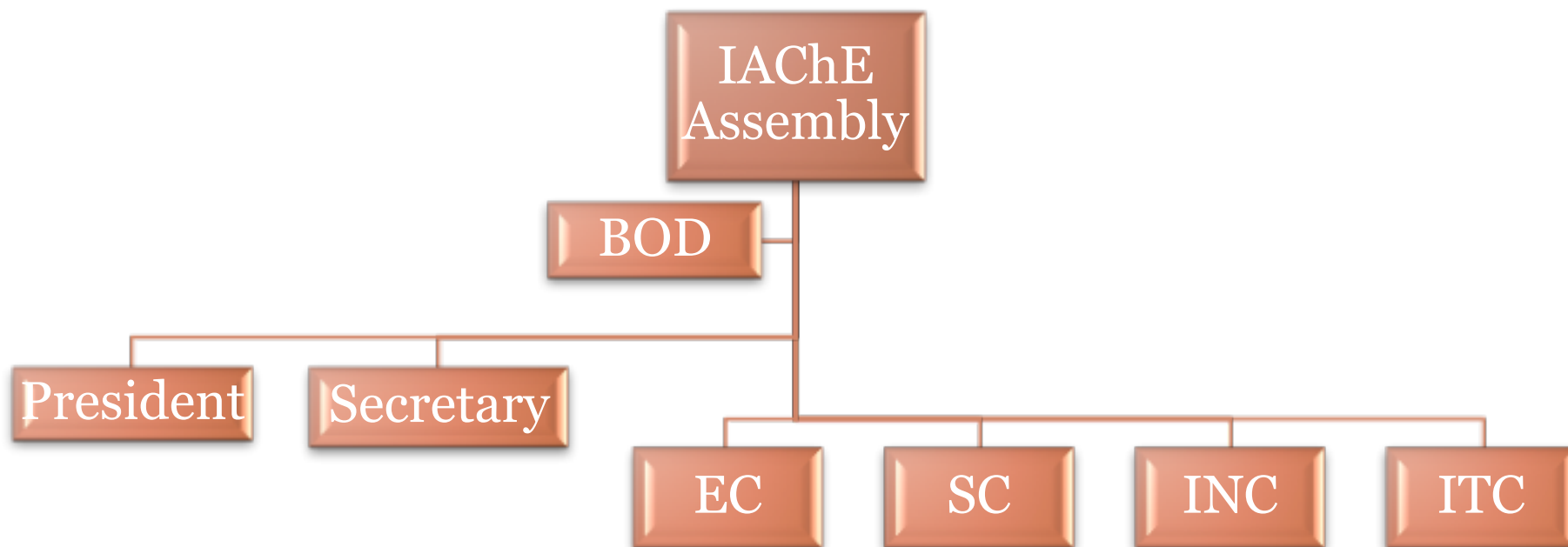
Chemical Engineering Academia

- 54 Universities with ChE Program
- BS, MS and PhD ChE Programs
- PE and CPE Programs
- 6 Universities with PE Program
- 16 Universities with PetE
- Nearly 50,000 ChE Students and Graduates
- One of the largest academic community in Iran and in the world

IAChE History

- A non-governmental organization established in 1992.
- Head Office is in Tehran.
- 8 Offices and Student Chapters across the country.
- Responsible to promote chemical engineering activities nationwide and international
- Interface between academic institutions and industry

IAChE Organizational Chart



IAChE Board



IAChE Committees

- Student Committee, SC
- Event Committee, EC
- International Committee, IC
- Industry Committee, INDC
- HSE Committee, HSEC
- Publication Committee, PC
- Information Technology Committee, ITC

Student Committee

- Nationwide Chem. Eng. Commencement
- National Chem. Eng. Student Conference
 - Chem-E-Car Contest
- CFD Contest in Chemical Engineering
 - Computer Programming Contest
- Outstanding Design and Thesis in Chemical Eng.
 - Chemical Engineering Olympiad

Nationwide Chemical Engineering Graduation Day



Student Contests



Event Committee

- National Congress on Chemical Engineering
 - IChEC&E in Kish Island
 - Technical Seminars
 - Symposiums
 - Technical Workshops
 - Chemical Engineering Festivals

International Conference in Kish Island, IChEC&E



Technical/Industrial Workshops



IChEC&E 2017-Kish Island

10-14 December 2017
Kish Island
I.R. Iran

Organizer



Iranian Association of
Chemical Engineers



Congress Topics

Transport Phenomena
 Thermodynamics
 Separation Processes
 Modeling and Simulation
 Computational Fluid Dynamics (CFD)
 Kinetics, Catalysis and Reactor Design
 Process Engineering and Control
 Biotechnology, Biomedical Engineering, Food and
 Pharmaceutical Industries
 Nanotechnology
 Polymer Science and Technology
 Petroleum and Reservoir Engineering
 Environmental Engineering and Safety
 Standardization and Education in Chemical Industries
 Renewable Energy
 Production, Processing and Conversion of Natural Gas

Secretariat (IACHEC):

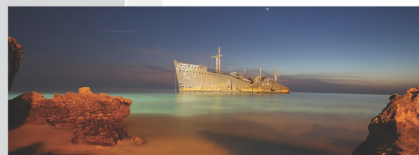
Address: Unit 11, No. 13, (Block 3), Maad Building
 Shahid Akbari Blvd., Azadi Ave., Tehran, Iran
 Tel: +9821 6602 2193 6604 2719 6608 2637
 Fax: +9821 6602 2196 Email: secretariat@ichec.ir



(ICHEC 2017)

The **10th**

**International
 Chemical Engineering
 Congress & Exhibition**



www.ichec.ir

Why in Kish Island?

- Most historic Island in the Persian Gulf
- The island is a Free Trade Zone, Shopping Place!!
- No Entry Visa is required for international participants
- It is well-received by attendants from academia and industry
- Serene Far from hustle and bustle of big cities and mainland

Industry Committee

- Annual Meeting with Company Members
 - On-Site Job Training Courses
 - Collaboration with INSF
(Iran National Science Foundation)
 - University Internship
 - Field Trips

International Collaborations

- Collaborations with Glass Society in Finland
- GPD in Tampere Finland International
- Chemical Engineering Society in Malaysia
- Technical Workshops and Seminars (Norway, France, USA, UK, Spain, ...)
- Total Professor Association, TPA

Publication Committee

- Journal of Chemical Engineering
(In Persian)
- Iranian Journal of Chemical Engineering
(In English)
- Advances in Environmental Technology
(In English)
- Journal of Separation Science and Engineering
(In English)

WCEC M&V and the IACChE Contribution

- global economic, environmental, societal, and technical issues where chemical engineers and the chemical engineering profession play an important role;
- issues of importance to the education, employment and professional and career development of chemical engineers; and
- issues relevant to the contributions of the chemical engineering profession and the industries which it serves.

Some Food for Thought!

- Collaborations in Upcoming Events (Barcelona, 2017 and Kish Island 2017)
- Organizing Joint Regional and International Events
- Organizing Technical Workshops and Seminars
- International Chem-E-Car Contest
- International Chemical Engineering Olympiad
- South Africa-Middle East Confederation
- Collaborations with Research Funding Agencies

Thank you for your attention



Iranian Journal of Chemical Engineering
(www.che.ir)

Iranian Journal of Chemical Engineering
(www.ijche.com)

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

11th WORLD CONGRESS OF CHEMICAL ENGINEERING AND XXX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING XI ARGENTINE CONGRESS OF CHEMICAL ENGINEERING – CAIQ2021

Buenos Aires – Argentina

*The congress date will be on last week of August
or the first week of September 2021*



**AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering**

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

As a conclusion of the open meeting at the CAIQ2015 (August 2015): Plenary session with congress attendees and members of the Scientific Committee to start activities towards the 2021 World Congress.

- 1) Starting now, the path to WCCE11-BsAs2021 will be a process with different steps.
- 2) Part of the current Scientific Committee of the CAIQ2015 will be the main base of the WCCE11-BsAs2021 Scientific Committee.
- 3) Institutions, Government Agencies, Universities and Research Centers which already gave us their endorsement to get the WCCE11-BsAs2021 are being contacted again. (see list)



**AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering**

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

A process to reach a successful 11th World Congress 2021 **Activities to be developed in the upcoming years**

- Intense program of contacts (locally and internationally) to ensure the participation of chemical engineers coming from all over the World, representing the diverse areas where our professionals act (research, academy, industry, consulting, etc.)
- Looking for a very attractive program of activities for the Congress, to ensure the satisfaction of the attendees. Protocolar activities according the Rules and Procedures to Assign Congresses issued by CIIQ/IACChE
- Ensure the participation of students of chemical engineering, allowing them to interact with graduates, sharing their experience and learning about the most current trends in the profession.
- Develop a special program for the Accompanying Persons of delegates, which will include visits to places of touristic interest of Buenos Aires city and its surroundings and tour packages to places of interest in Argentina.



**AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering**

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

ACTIVITIES DURING THE YEAR 2016 and 2017

1 - VENUE: Contacts with venues in Buenos Aires that meet the needed conditions (Number of parallel sessions, attendees, etc.)

2 – WORKING COMMITTEES: Definition of the main committees and Preliminary contacts for appointing committee members

3 – CONTACTS WITH THE ENDORSERS OF THE PROPOSAL OF ARGENTINA : The endorsers of the proposal are being contacted to participate of the organization of the 11th World Congress and to obtain their support (In process)



AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

ACTIVITIES DURING THE YEAR 2016 and 2017

1- VENUE

Pre-selection of the venue

In process of preliminary contacts with venues that have the capacity to host the WCCE11:

- **La Rural** - Maximum Capacity in Theatre: 8,300
- **Centro Costa Salguero** - Maximum Capacity in Theatre: 5,000
- **Hotel Hilton Buenos Aires** - Maximum Capacity in Theatre: 2,500
- **Hotel Sheraton Buenos Aires & Centro de Convenciones** - Maximum Capacity in Theatre: 1,800
- **Nuevo Centro de Convenciones Buenos Aires** - Maximum Capacity in Theatre: 4,500 (under construction. It will be available in 2021)



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11th World Congress of Chemical Engineering**

WCCE11 - BUENOS AIRES - 2021

AAIQ Report | WCEC – San Francisco 2016

ACTIVITIES DURING THE YEAR 2017

1- Local authorities

Preliminary contacts with national authorities and of the city of Buenos Aires, to interest them in supporting the WCCE11

2- CAIQ2017 (Bahia Blanca - August 6 to 9)

Will be carried a meeting to prepare the advance presentation to be discussed at the Barcelona WCEC meeting at 10 Word Congress.

3- 10th Word Congress (Barcelona - October 1 to 5)

Open Presentation to the attendees of Barcelona 10 Word Congress to invite to participate of the 11 Word Congress at Buenos Aires.

4- VENUE

Preselection of the venue



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DURING THE YEAR 2018

7- VENUE: Signature of the contract with the venue

8- XXIX Interamerican Congress of Chemical Engineering CANADA 2018

Open Presentation to the attendees to invite to participate of the 11 Word Congress of Chemical Engineering at Buenos Aires

DURING THE YEAR 2019

9- CAIQ2019 - CE CENTENARY (Santa Fe) – (PREPARATORY OF WORLD CONGRESS)
Scheduled to the last week of August or first week of September, 2019

The Centenary of Chemical Engineering in Argentina also of all Latin American Countries. During this meeting will do advances to have a final Scientific Committee to prepare the 11 Word Congress

Open Presentation to the attendees to invite to participate of the 11th Word Congress of Chemical Engineering at Buenos Aires



**AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering**

WCCE11 - BUENOS AIRES - 2021

AAIQ / IACChE Report | WCEC – San Francisco 2016

THANK YOU

WE WILL WELCOME YOU AT

WCCE11 – BUENOS AIRES – 2021

Oscar Pagola

AAIQ / IACChE

opagola@aaiq.org.ar

<http://www.aaiq.org.ar>

November 17, 2016



AAIQ, Argentine Association of Chemical Engineers, host of the
11th World Congress of Chemical Engineering



Canadian Society for Chemical Engineering | ***For Our Future***

XXIX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING

INCORPORATING

**68th CANADIAN CHEMICAL
ENGINEERING CONFERENCE** | OCTOBER 28–31
TORONTO, ON **2018**

ENGINEERING FOR A HEALTHY AND SUSTAINABLE PLANET

Congress Organization

- Organized by University of Toronto, Ryerson University and CSChE
- Organizing Committee
 - Conference Chair (Charles Jia)
 - Technical Program Co-chairs (Ramin Farnood and Farhad Ein-Mozaffari)
 - IACChE and International Affair Coordinator (Edgar Acosta)
 - Fundraising Chair (D. Grant Allen)
 - Industrial Liaison Director (Santiago Faucher, Richard Piette)
 - Student Program Chair (TBD)
 - CSChE Director of Conference (Brian Lowry, UNB)
 - CSChE Executive Director (Roland Andersson)
 - CSChE Director of Communications and Marketing (Bernadette Dacey)
 - CIC/CSChE Director of Finance and Administration (Joan Kingston)

Congress Structure

- **Conference Theme:** Engineering for a Healthy and Sustainable Planet
- **Size:** 1500 plus registered attendees from 30 countries
- **Plenary Lectures** (3-4; 60 min each)
 - Delivered by prominent, highly respected, visionary leaders
 - James Y. Oldshue award lecture
 - Winner of R.S.Jane Memorial award lecture
- **Technical Program**
 - International symposia on topical subjects (- 5)
 - Theme areas with multiple sessions
 - Sessions with keynote, invited and contributed talks (20-min regular and 40-min keynote)
 - Poster sessions
 - Workshops/short courses
- **Student Program**
 - 5-minute student theses (oral presentation competition)
 - Posters competition
 - Workshops on career development
- **Industrial Program**
- **Exhibition**
- **Awards Banquet**

Technical Program Overview

- **International symposia on topical subjects (- 5)**
- **Theme areas with multiple sessions**
- **Sessions with keynote, invited and contributed talks**
- **Key words** :Biomedical Engineering; Carbon Capture, Storage and Utilization; Environment Remediation and Protection; Financial Engineering and Entrepreneurship; Data Mining; Reactor Engineering and Fluidization Technology; Food and Nutritional Engineering; Forest Biorefinery and Biomass Utilization; Heavy Oil and Canadian Oil Sands; Polymerization and Polymer Processing; Membrane Technology; Microfluidics and Nanotechnology; Engineering Education; ; Nuclear Technology; Renewable Energy and Photovoltaics; Energy Storage, Battery and Supercapacitor; Process Safety and Responsible Care; Process Control; Urban Sustainability; Water Resources; Chemical Engineering Fundamentals; Clean Technologies; Advanced/Smart Materials
- **Poster sessions**
- **Workshops/short courses**

Preliminary Symposia/Theme Topics

- Biomedical and biomaterials engineering
- Biomass utilization and bio-refining
- Chemical Engineering Fundamentals
- Clean energy and energy efficiency
- Enzyme engineering and biocatalysis
- Fate, transport and impact of pollutants in the environment
- Financial engineering and data mining
- Heavy oil and Canadian oil sands
- Micro-fluidics and nanotechnology
- Big data and data analytics
- Modern engineering education
- Nutrients and food engineering
- Photovoltaic and energy storage
- Process safety and responsible care management
- Smart functional materials
- Surface science and engineering
- Separation and bioseparation
- Urban sustainability, urban mining and strategic metals
- Water resources and process-affected water

Important Dates

(1st draft as of Oct. 5, 2016)

- Late 2017-Early 2018: Call for Papers opens
- Late April – early May 2018: Call for Papers closes
- Early 2018 : Registration starts
- October 28-31, 2018: XXIX IACChE/68th CSCChE

Sponsorship Opportunities

- Gold
- Silver
- Bronze
- Supporter

Contact:

Bernadette Dacey, CSChE Director, Communications and Marketing

bdacey@cheminst.ca

Join us in Toronto
October 28-31, 2018
www.csche2018.ca



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UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

**Ryerson
University**



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WCEC Meeting San Francisco November 17, 2016

AAIQ presentation to 7,2 Reports from IACChE and member societies

- **INTERNATIONAL COOPERATION**
- **FUTURE ARGENTINA CONGRESSES**
- **DISCUSS EVENTUAL CONFLICT DATES BETWEEN CAIQ2019 (Centennial)
with ICCE 2019 Congress in South Africa**



INTERNATIONAL COOPERATION

Recently, with great success, from September 13 to 16, 2016. The **2nd Pan American Conference on Biofuels and Bioenergy Sustainability** was co-organized jointly by **AAIQ** (Argentina Association of Chemical Engineers), **AIChE** (American Institute of Chemical Engineer), **IFS** (Institute for Sustainability), **SBE** and **PanAmRCN** (RCN-SEES for Pan American Biofuels and Bioenergy Sustainability).

PAN AMERICAN BIOFUELS AND BIOENERGY SUSTAINABILITY - AN NFS RESEARCH COORDINATION NETWORK



PAN-AMERICAN
BIOFUELS &
BIOENERGY
SUSTAINABILITY
AN NFS RESEARCH COORDINATION NETWORK

**2ª RCN Conferencia Panamericana sobre
Sustentabilidad en Biocombustibles y Bioenergía
Buenos Aires, Argentina - Septiembre 13-16, 2016**

AAIQ made significant efforts to promote the Conference and to convoke important senior officers of the Argentine government to speak in reference to the topics

Overcoming some difficulties, we received the participation of the Minister of Energy, Juan José Aranguren, who gave a lecture at the Opening Ceremony as well as the participation of three Secretaries of State in the areas of science, technology and agriculture.

Website where it is possible to see the list of more than 60 articles that appeared in reference to the Conference: <http://www.aaiq.org.ar/CYJ/2RCN/prensa.php>



AAIQ - ARGENTINA ASSOCIATION OF CHEMICAL ENGINEERS

WCEC Meeting San Francisco November 17, 2016

As a result of this, there was a very important coverage of the media, both written and online. The three newspapers of greater circulation in Argentina covered the event (La Nación, Clarín and Ambito Financiero) as well as other very important technical publications of the chemical or agro-industrial sector.





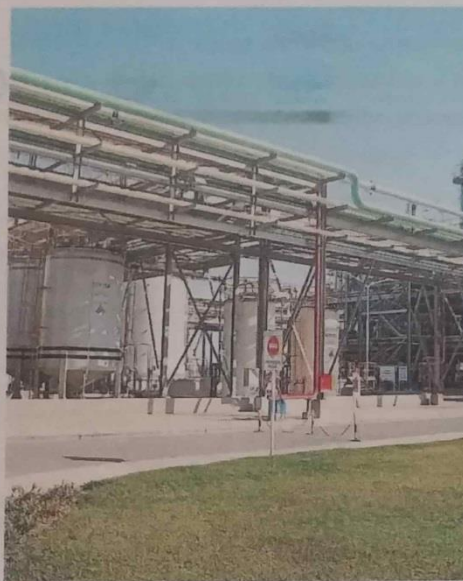
Bioenergías

El futuro de la energía verde

> Tras la cumbre de cambio climático celebrada en París a fines de 2015, 188 países se comprometieron a realizar esfuerzos para disminuir las emisiones de gases de efecto invernadero. Además, recientemente China y Estados Unidos decidieron adherir a este acuerdo. La noticia no sólo fue recibida con expectativas por los sectores ambientales, sino también, entre otros, por quienes promueven el desarrollo de las bioenergías.

“La Argentina asumió un compromiso muy importante. Ahora tenemos que ver cómo lo vamos a acompañar desde las instituciones para ayudar a que las metas se cumplan, con políticas de largo plazo”, dijo Oscar Pagola, presidente de la Asociación Argentina de Ingenieros Químicos (AAIQ).

Desde esta entidad se está organizando la II Conferencia Panamericana sobre Sustentabilidad en Biocombustibles y Bioenergía, que se realizará del 13 al 16 de septiembre en el Hotel NH City & Tower de



Biocombustibles. Es uno de los rubros en los que la Argen

la Ciudad de Buenos Aires, junto a los principales expertos del continente americano en estos tipos de energías alternativas.

“En la actuali-
táticas energé-
los diferentes
define por el

guro al abastecimiento de energía y por la convivencia con el medio ambiente”, afirmó Rubén Puentadura, ex presidente del Instituto para el Desarrollo Empresarial de la Argentina (IDEA) y miembro del consejo directivo de AAIQ.

“Nuestro país es altamente dependiente de los combustibles fósiles, tanto en la energía primaria



Las bioenergías en el centro del debate

Junto con los principales expertos del continente americano, funcionarios de primera línea del Gobierno nacional anunciaron nuevas inversiones en materia de bioenergías, durante la segunda Conferencia Panamericana sobre Sustentabilidad en Biocombustibles y Bioenergía.

La actividad fue organizada por la Asociación Argentina de Ingenieros Químicos (AAIQ) y las estadounidenses Research Consortium Institute of Chemical Engineers (AIChE) e Institute for Sustainability (IS), con el soporte financiero de la National

Science Foundation de Estados Unidos.

A pocos cuadras del lugar donde se realizó el Foro de Inversiones y Negocios, los principales expertos del continente americano en bioenergías se reunieron para debatir sobre el presente y el futuro de este tipo de energías

alternativas en la Argentina y en la región. El evento no pasó desapercibido. Tal es así que el ministro de Energía, Juan José Aranguren, junto con autoridades de los Ministerios de Agroindustria y de Ciencia y Tecnología de la Nación, adelantaron por un momento

estas dos agendas en el “Miami Dade” portuario para disertar en la segunda Conferencia Panamericana sobre Sustentabilidad en Biocombustibles y Bioenergía, con anuncios importantes en materia de política e inversión. Aranguren fue uno de los encargados de abrir el encuentro. Allí expresó: “Durante mucho tiempo nuestro país estuvo discutiendo su matriz energética con una política parche, con muy poca planeamiento, sin dar señales de precio. Por eso, se fomentó un uso irresponsable de la energía.” “Debemos pensar en una matriz distinta de la que tiene hoy Argentina, donde alrededor del 54%

está dominado por el gas natural, y el 33%, por el petróleo y sus derivados; lo que hace que aproximadamente el 85% de la matriz sea energía no renovable, que por otra parte hoy está a precios muy bajos en todo el mundo. La biomasa y el biogás forman parte de lo que llamamos energía renovable. El desafío es lograr desarrollarnos masivos en este tipo de energía y estar hablando de hacer uso como una fuente regular de energía.”

Al respecto, se refirió a la posibilidad de ampliar en un futuro el corte de bioetanol en la nafta, que hoy se encuentra en el 12%, para elevarlo al 25%. Asimismo, consideró que

es posible incorporar “al igual que Brasil” la tecnología para que permitiera a los automotores funcionar indistintamente con nafta o alcohol.

Oscar Pagola, presidente de la Asociación de Ingenieros Químicos de la Argentina y organizador del evento, resaltó la importancia de la participación de destacados expertos internacionales en la jornada para intercambiar y actualizar los conocimientos sobre bioenergía, las actuales tendencias y los nuevos procesos innovadores, y remarcar la importancia del compromiso asumido por el país de cumplir con las metas acordadas en la cumbre de



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BIODIVERSIDAD

Biocombustibles y Bioenergía, Argentina enfocada en cambiar la matriz energética



By admin

Publicado en septiembre 19, 2016



Así lo indicó el Ministro de #Energía y #Minería, Juan José #Aranguren, en la Conferencia #Panamericana sobre #Sustentabilidad en #Biocombustibles y #Bioenergía.

Hasta el 16 de septiembre se desarrolló en la Ciudad de #BuenosAires, la II Conferencia Panamericana sobre Sustentabilidad en Biocombustibles y Energía. Ayer se realizó la apertura a cargo de Juan José Aranguren, Ministro de Energía y Minería; #NéstorRoulet, Secretario de #AgregadodeValor del Ministerio de #Agroindustria.; #JorgeHilbert del Instituto de Ingeniería #Rural del Centro de Agroindustria (CIA) del #INTA; y Oscar Pagola, de la Asociación Argentina de Ingenieros Químicos (AAIQ).



AVAILABLE NOW

Availability
for the Always-On
Enterprise

NEW Veeam Availability Suite 9.5

LEARN MORE



LA NACION

negocios

Campo

segur

Bioenergía: por más fuentes alternativas

Se realizó un encuentro con expertos que abordaron sus ventajas

SÁBADO 17 DE SEPTIEMBRE DE 2016



Cerca del lugar donde se realizó esta semana el Foro de Inversiones y Negocios, los principales expertos del continente americano en bioenergías se reunieron para debatir sobre el presente y el futuro de este tipo de energías alternativas en la Argentina y en la región.

Este encuentro estuvo co-organizado por la Red de Coordinación en Investigación de EE.UU. (RCN, por sus siglas en inglés) y las asociaciones argentina y estadounidense de ingenieros químicos, con el apoyo de la National Science Foundation (NSF).

"Durante mucho tiempo nuestro país desarrolló su matriz energética con una política de parches, con muy poco planeamiento. Por eso se fomentó un uso irresponsable de la energía", expresó el ministro de Energía, Juan José Aranguren.



Planta de biodiesel en Rosario. Foto: Archivo

"Debemos pensar en una matriz distinta a la que tiene hoy la Argentina, donde al rededor del 54% está dominado por el gas natural y el 33% por el petróleo y sus derivados; lo que hace que el 87% de la matriz sea energía no renovable, que por otra parte hoy está a precios muy bajos en todo el mundo".

Al respecto, se refirió a la posibilidad de ampliar en un futuro el corte de bioetanol en la nafta, que actualmente se encuentra en el 12%, para elevarlo al 25%. Asimismo, consideró que es posible incorporar

la tecnología Flex, como Brasil.

Oscar Pagola, presidente de la Asociación de Ingenieros Químicos de la Argentina, destacó: "Este encuentro es una oportunidad para pensar cómo vamos a cambiar la matriz energética". Néstor Roulet, secretario de Agregado

CONFERENCIA PANAMERICANA

Sustentabilidad, biocombustibles y bioenergía

Del 13 al 16 de septiembre, se realizará en la Ciudad de Buenos Aires la segunda Conferencia Panamericana sobre Sustentabilidad en Biocombustibles y Bioenergía, que reunirá a los principales expertos del continente americano en estos tipos de energías alternativas.

El evento es coorganizado por la Red de Coordinación en Investigación de EE.UU. (RCN, por sus siglas en inglés) y las asociaciones argentina y estadounidense de ingenieros químicos, con el apoyo de la National Science Foundation (NSF).

Participarán de las conferencias autoridades nacionales como Juan José Aranguren, ministro de Energía; y Miguel Ángel Blesa, secretario de Planeamiento y Políticas en Ciencia, Tecnología e Innovación Productiva. También disertarán especialistas del INTA, junto a investigadores de universidades nacionales como la UBA, del litoral, del sur y la UTN, y de otros países, como Estados Unidos, Canadá, México y Brasil.

El programa estará organizado en ocho secciones, que involucran desde el uso de biomasa proveniente de cultivos y residuos, tecnologías innovadoras de conversión, actores clave en la mitigación del clima y la sus-

tentabilidad, así como aspectos logísticos, socioeconómicos y de política energética, tras la cumbre de cambio climático celebrada en París en fines de 2015. Asimismo se exhibirán casos de estudio en la producción a gran escala, se analizará el futuro de la industria de la bioenergía y las variables ambientales.

Algunas de las principales disertaciones estarán a cargo de Bruce Dale, de la Universidad Estatal de Michigan y Glaucia Souza de la Universidad de San Pablo, Brasil. También se destaca la participación de Alieto Guadagni, del Centro de Estudios de la Educación Argentina (CEA); Miguel Almada, director de Agroenergía del Ministerio de Agroindustria; Laura Frulla, de la Comisión Nacional de Actividades Espaciales (CONAE); Federico Soria, de la Estación Experimental Agroindustrial "Obispo Colombares"; Eduardo Lombardo, de la Universidad del Litoral/Conicet; José Romagnoli, de la Universidad Estatal de Louisiana, EE.UU.; Marcia Moraes, de la Universidad Federal de Pernambuco, Brasil, y por el INTA Jorge Hilbert y Stella Carballo.

Más información: <http://www.aaq.org.ar/CYJ/2RCN/programa.php>

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AAIQ - ARGENTINA ASSOCIATION OF CHEMICAL ENGINEERS

WCEC Meeting San Francisco November 17, 2016

FUTURE ARGENTINA CONGRESSES

PROCESS SAFETY: Continuing the AAIQ / CSPQ in activity in Process Safety

4th ARGENTINEAN CONFERENCE OF PROCESS SAFETY

Buenos Aires – June 5-6, 2017

NEXT CONGRESSES PREPARATORIES IN PATH TO WCCE11

ARGENTINA CONGRESS OF CHEMICAL ENGINEERING

CAIQ2017 (PLAPIQUI . Bahia Blanca - August 6 to 9)

CAIQ2019 - CE CENTENARY (Santa Fe) – (PREPARATORY OF WORLD CONGRESS)

Scheduled to the last week of August or first week of September, 2019

The Centenary of Chemical Engineering in Argentina also of all Latin American

Countries. During this meeting will do advances to have a final Scientific Committee to prepare the 11 Word Congress