

## *Interview with David Knapp, IAEE President*

President Knapp is one of the founding members of the IAEE dating back to the late 70s. His career started when after the graduate school he joined an expert panel within a project for the US government working on a world trade model. When in 1973 President Nixon announced the "Independence Project", Mr. Knapp was asked to come to Washington to work on models looking at the US and global energy markets. Mr. Knapp mentioned that over his career the energy security topic was ongoing. Therefore, his research and expertise have become part of the IAEE's foundation.



According to Mr. Knapp, the Association has changed both in depth and in breadth over the past years. For him, the biggest change within the IAEE as well as in the Energy field is the improvement of the tools. When he first started, there was only a very archaic data system, with a very limited set of analytic tools. The research group Mr. Knapp was part of, became one of the reasons for some advances in the computer science, when senior computer scientists were building operating systems for computers they were using.

As IAEE's President, he has challenged the organization by emphasizing the importance for the Association to be involved in a constructive way with Developing countries. The first Plenary session of Groningen conference addressed the very different conditions the Developing world is facing when it comes to energy access and energy poverty. Already starting back in 2000 the IAEE's interpretation of the world's energy outlook had this topic on the agenda. Right now, the key word is transition. The concept of transition is very different for Europe where we are speaking about the decarbonization and the developing world where it is more general. There is no one-size fit all solution. Hence to go forward there is a need to give good answers but also contribute to the formulation of relevant questions. Therefore, from Mr. Knapp's perspective, the Association's main goal is to be a constructive contributor to this challenge, as this strategy goes together with what the Association has been trying to achieve over the past 40 years. One of the achievements Mr. Knapp has mentioned is the development of a solid conference platform within the IAEE, which has strengthened a network of members aiming to contribute to the field by active discussions around these topics.

When asked about the most inspiring aspect of being part of the Association, Mr. Knapp mentioned the importance of being part of the IAEE family. He defined achievements and contributions from the new generation of economists as accomplishments of his intellectual grandchildren. It is inspiring for him to see how the new generations contributes to build and strengthen the IAEE family. Mr. Knapp concludes that IAEE is his professional family - Ohana in Hawaiian.

## *Interview with Christophe Bonnerly, President-elect*

Christophe Bonnerly has now been a member of the IAEE for more than 30 years and has worked for various energies corporations over his career. IAEE has always attracted him by its international dimension and the academic excellence of its members. In 2010 Mr. Bonnerly was elected as President of the French IAEE chapter - FAEE. By the end of his third mandate, the FAEE has increased significantly the number of organized conferences, allowing the French chapter to multiply its membership by six until now. Mr. Bonnerly says that it was a great honor, for him and for France, to be first selected by the Nomination Committee and then to be elected by the IAEE's 4000 members as a President-elect.



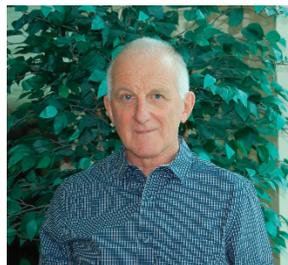
His role since January 2018, was to take progressively the responsibility over the strategic actions of the Association. Mr. Bonnerly says that he is proud to serve the Association by contributing to its geographic development, for example in April 2018, IAEE has opened its South African chapter. With the support of the Vice Presidents and the officers of the Association, he has been able to elaborate and present to the IAEE Council the 2018-2020 Strategic Plan. This Strategic Plan has several goals. The first being to provide both the academic community and policymakers with the best quality of services. The second is to implement the metrics to assess changes within the association's membership, conference attendance and the quality of publications, notably the impact factor of the journals and reviews.

His view for the IAEE in the future is based on the following aspects. There is not any other international organization gathering up to 4000 energy economists from more than 100 countries, all able to produce quality assessments on energy policies. Therefore, the unchallenged value of the IAEE is based on the knowledge of its members. This asset is a real treasury. Hence one of his goals is to continuously increase the IAEE's value by fostering cross-fertilization. Additionally, his other important goal is to share this treasury with the Society. Otherwise what good would all this science be if it was only exchanged between the members of the Association? Therefore, Mr. Bonnerly aims to share this human and scientific capital with the rest of the society. With the help of the Council, he will push the IAEE will be more proactive in intervening more in the society by demonstrating to citizens, consumers, businesses, administrations, politicians, cities and regions, the added value of economic science applied to energy.

Finally, one can observe that many countries are committed into the energy transition. This concept is fore poorly defined; therefore, economists should contribute to its better definition. With the IAEE's peer-review methods, we can contribute to a better evaluation of the weight of public decisions. Mr. Bonnerly announces this will be his goal in 2019, with the commitment of our members and our organization.

## *Anthony Owen, Past President, Outstanding Contributions to the IAEE Award Winner*

The first time Anthony Owen attended an IAEE conference was in Calgary in 1987. In those days the main participants to the IAEE conferences were academics and industry representatives with only a few students. The main topic back then was oil markets. Five to six years later when Fereidun Fesharaki became



IAEE's President, he took the initiative with Mr. Owen to establish the Australian chapter of the IAEE. From there on, the goal was to organize an international IAEE conference in Sidney, which was held in the year 2000. This conference was the most profitable international conference at that time. The next conference Mr. Owen was in charge of was the Asian conference in Perth in 2008. The biggest conference project for Mr. Owen was last year's conference in Singapore: the 40<sup>th</sup> IAEE International conference which was held at the Marina Bay Sands Hotel with over 400 participants. This conference was held in one of the world's most famous hotels, which was possible thanks to David Williams's outstanding negotiation skill. For each conference one of the most important tasks is to have good sponsorship support in order to organize an unforgettable experience for the delegates. For Mr. Owen being the main conference organizer for the above-mentioned conferences has been a great matter of dedication for the association.

Receiving this award reflects Association's recognition for Mr. Owen's hard work and commitment. For him to receive this award means so much more than any monetary recognition. This sign of appreciation is very valuable for the work which is done voluntary based on personal willingness to contribute to the Association. In addition to the academic benefits, the Association has been his second family over all these years. Each conference is a meeting occasion for a group of people whom have been actively involved in the Association over decades. Mr. Owen defines IAEE's environment as very friendly and family like. As a rule, you can pick up your friends, but you cannot pick up your family, when it comes to the IAEE family, Mr. Owen says that it is a great honor to be part of this family.

One of the memories Mr. Owen shares is from the Prague conference. During one of the social events at the conference, the delegates were told the story about how political dissidents were killed in Prague - they were thrown out of the windows. To designate this awful method a new word was used: "Défenestration". Thought this story described a dreadful time in the country's history, it was very interesting to learn a new word and its meaning. For Mr. Owen this is one of the examples about how IAEE conferences combine both academic but also cultural experiences for its delegates.

## *Jean-Michel Glachant, Florence School of Regulation EUI and Adonis Yatchew, University of Toronto - Winners of the Outstanding Contributions to The Profession Award*

It is in 1995 that Adonis Yatchew was invited to join the editors of the Energy Journal, since then his work within the Association was mainly done within the editorial team, first as an electricity specialist and later as Editor-in-Chief for the Journal.



Jean Michel Glachant also started his work within the Association in 1995. At that time, he joined the French chapter as a conference organizer at the École Polytechnique. After the conference he continued his involvement within the French chapter until the day when he was asked by Einar Hope to participate in the project to establish a new journal for the Association. At this time, it was an ambitious idea as the Energy Journal was already a reference for everybody and creating a new journal seemed to be very audacious.

Mr. Yatchew says that to receive this award together with Jean Michel Glachant is an honor in itself. When looking back on the list of predecessors who have received this award, one can find a succession of extraordinary prominent energy economists. Therefore, for Mr. Yatchew to receive this award and to be on the same list with the previous winners, is a distinguished recognition of his work and contributions to the Association.

This is not Mr. Glachant's first award. However, this award is full of meaning and has a very precious value for him as it represents the recognition of his peers. It is one of the most distinguished awards as it is awarded by colleagues with whom Mr. Glachant has been working for decades.

Over the past years the Energy Journal has expanded significantly in the number of submissions as well as in its coverage. The most challenging part of Mr. Yatchew's work within the Journal was when Geoffrey Pearce (who was the managing editor of the Energy Journal since 1992) passed away. Geoff had managed the journal in a most remarkable way. Therefore, the main challenge was then to find a way to keep the Journal functioning. According to Mr. Yatchew, David Williams' and Rebecca Lilley's unflagging support in this process was essential.

The biggest project Jean Michel Glachant has been part of within the Association was to be the Editor-in-Chief of the EEEP (Economics of Energy and Environmental Policy). The main challenge for the first edition was

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## *Derck Koolen, Best Student Paper Award Winner*

The topic of the award-winning paper is strategic trading and the value of flexibility in sequential short-term power markets with the increasing share of intermittent supply of renewable energy sources. Koolen's paper discusses the impact of a large increase of renewable energy on pricing in power markets and what it means for risk and strategy related behaviour of market participants. His work paves the way for policy makers and major energy players to examine the implications on existing power market structures and their participants' strategic space. It considers alternative market designs both from market and individual perspectives in order to not only integrate large shares of renewable energy in existing electricity markets but also achieve it in a sustainable manner.



*"The energy business is going through a series of swift and radical transformations to meet the growing demands for sustainable energy,"* Koolen says, adding that this growing share of sustainable energy sources means that electricity markets experience increasing uncertainty and volatility.

Koolen: *"The various operational characteristics of producer technologies affect commodity trading and thereby affect market prices, often not desirable from a sustainable efficient market point of view."* He said that key in the transition process is to ensure that markets provide adequate price signals for assets and investments, ensuring security of supply in an efficient and sustainable way. *"Future market design must be inherently robust, as markets and financial stakeholders may create instabilities, potentially leading to huge losses and black-outs, while the bill is eventually paid by the customer."*

Mr Koolen says that being nominated had been very exciting news for him. According to Mr. Koolen, all nominees had presented very strong work in the field of energy economics. What might have differentiated his paper from others is that it had possible large policy implications in the

### **Glachant & Yatchew** (continued)

to find articles through a pro-active approach, a task in which the editing team have succeeded greatly.

When asked about the best memory Mr. Yatchew has of his work within the Association, he mentions the Venice conference. IAEE's conferences are always organized in exceptional locations. The Venice conference stayed in Mr. Yatchew's memory as he could combine both attendance to an interesting conference with a memorable (and romantic) stay with his wife.

The best memory Mr. Glachant shares with us is the closing reception for the 39<sup>th</sup> IAEE International Conference in Bergen. The reception was held at Einar Hope's house from where all the guests could be charmed by the amazing view over Norwegian fjords and mountains with a breathtaking light.

long run for markets to efficiently integrate large shares of renewable energy. Winning this award and receiving it during the Gala dinner in the Martini Church was a very special and unforgettable moment. Additionally, receiving recognition and having the opportunity to further discuss his work with many distinguished researchers was for Mr. Koolen a highlight of the conference.

## *IAEE and the National Museum of Energy and Technology (MUNET) in Mexico City, Mexico.*

**By Arild N. Nystad, Past President 2001**

During 2016/2017, IAEE and representatives from Pemex discussed establishing an IAEE Advisory Board to support the new National Museum of Energy and Technology (MUNET) in Mexico City with advice on energy issues. MUNET is planned to be opened in 2018/2019.

The idea was launched and discussed at the 2016 IAEE Conference in Bergen. IAEE President Ricardo Raineri signed a Memorandum of Understanding (MoU) on behalf of the Council in June 2017 at the Singapore Conference. On the Mexico side, it was signed by a trust responsible for the planning of the museum. Nine members of the Council volunteered and were appointed to the Advisory Board. The coordination is done by executive director David Williams together with past president (2001) Arild N. Nystad, who brought the topic to the Council from his network in Mexico. The key person for coordination in Mexico is Mariana Hoffman Borrego, Advisor to the General Directorate of Pemex.

Topics for the Advisory Board are: Developing educational programs, workshops and material concerning energy and technology; developing specific exhibits, activities, and programs related to energy, technology and innovation; potential to organize future international conferences of the IAEE in Mexico at the MUNET Congress Center; knowledge of how energy and technology impact economics, politics and society; risks and realities of climate change, and related topics of IAEE expertise. The Advisory Board held meetings at the 2017 IAEE Conference in Houston, and at WIESS Energy Hall at the Houston Museum of Natural Science. A further meeting was held at the 2018 IAEE Conference in Groningen with video link to Mexico. The IAEE Advisory Board members are Adonis Yatchew, Peter R. Hartley, John W. Jimison, David Knapp, Ricardo Raineri, Gürkan Kumbaroglu, Anthony D. Owen, Yukari Yamashita, Akinbolaji P. Iwayemi. The network between the IAEE Advisory Board and Mexico will be instrumental in future IAEE Mexico activities and the Mexican IAEE Chapter.