Agenda
Parallel Event at NGO CSW66 Forum

Time & Date:
8:00 AM - 10:00 AM Eastern Standard Time (EST) / 2:00 PM - 4:00 PM Central European Time (CET) / 9:00 PM - 11:00 China Time

18th March 2022

Theme:
*Tackling Climate Change - Women's Leadership in low-carbon action*

Event Description:
Global climate change has led to severe impacts on world energy security. In recent years, extreme weather and natural disasters have damaged the electric power systems in some countries. Governments and stakeholders have made great efforts to achieve sustainable and net-zero development using the low-carbon technique, which still requires further exploration and discussion on the basis of practice. Women will play significant roles in this energy transition. This parallel event at the NGO CSW66 Forum will discuss the impact of climate change on power security and our actions. Women experts from the power industry will share their perspectives and experience in this process.

Speakers:
Ruomei Li, IEEE PES Women in Power, China
Queen Mother Delois Blakely, New Future Foundation Inc, UN CSW
Lina Bertling Tjernberg, KTH, Sweden
Guadalupe Gonzalez, Technological University of Panama, Panama
Khayakazi Dioka, Eskom Transmission, South Africa
Liwen Feng, China Energy Net, China
Dipti Srinivasan, National University of Singapore, Singapore

About the NGO CSW66 Forum:

Registration link:
[https://cardiff.zoom.us/meeting/register/tZYodeGhrTsrGN0pr5_o0GdWC2esxyEEcgMJ](https://cardiff.zoom.us/meeting/register/tZYodeGhrTsrGN0pr5_o0GdWC2esxyEEcgMJ)

After registering, you will receive a confirmation email containing information about joining the meeting.

Chair: Ruomei Li, IEEE PES Women in Power
Co-Chair: Queen Mother, New Future Foundation
Secretary and moderator: Gen Li, Cardiff University
Ruomei Li

Dr. Ruomei Li, past Chair of IEEE PES Women in Power WIP 2020-2021, Former Secretary General of CSEE, China, 2009-2013. Ruomei Li received her Ph.D. from University of Bath, UK, in 2000; M.E. from CEPRI, China in 1989; and B.E. from Hefei University of Technology, China, in 1982. During 1994-1995, Ruomei has been a visiting scholar in UMIST, UK, upon Lee Kai Hueng Fellowship Foundation.

From 2004, Ruomei Li worked in Chinese Society for Electrical Engineering (CSEE), as Deputy Secretary, Secretary General (2004-2013). She has developed & enhanced the partnership of CSEE with international organizations and companies, including CIGRE, CIRED, IEEE PES, IET, ICEE, ASME, WFEO and Siemens, ABB, GE, etc. She was also the member of Steering committee of CIGRE (2006-2014), Directing Committee of CIRED (2007-2017), Vice chair of Energy Committee of WFEO (2011~2016).

Ruomei Li is the initiator of women activities in electrical engineering field in CSEE & CIGRE. From 2012, she has organized national and international (CSEE, IEEE PES, CIGRE) WIE events every year in China or Paris. She is WIE Chair/Co-chair of CIGRE in 2013-2018, Chair of China WIP Committee since 2018. She is the Council member of CWAST (2014-2019) and become the Board of Supervisors in 2019.

Queen Mother Dr. Delois Blakely

Queen Mother Delois Blakely is an American former nun and current religious leader, pan-Africanist, writer, activist and humanitarian.

A goodwill ambassador to Africa at the United Nations, she claims to represent the 55 million displaced Africans of the Trans-Atlantic slave trade, and calls for reparations for slavery. She has published books and articles on self-reliance, education, recreation and culture.

She is the successor of Queen Mother Audley Moore, and attended the unveiling ceremony of the United Nations' permanent memorial “The Ark of Return” on March 25, 2015.

Lina Bertling Tjernberg

Dr. Lina Bertling Tjemjberg is a Professor in Power Grid Technology at KTH the Royal Institute of Technology, Stockholm Sweden. She is the Director of the KTH Energy platform. She was previously Professor at Chalmers University of Technology, 2009-2013, and with the National grid 2007- 2009. She completed her Ph.D. in Electric Power Systems at KTH in 2002. She has spent two research visits in Canada 2000 in Saskatoon, 2002/2003 in Toronto, and has been visiting professor at Stanford University in USA in 2014. In 2021 she was awarded the Power
Women of the Year by the Power Women Association in Sweden. Her research and teaching are focused on developments of the future sustainable electric power grid, developing models for reliability and flexibility analysis, predictive maintenance and asset management. She is actively involved as advisor and expert in various professional organizations. Current appointments include: Vice chair of the Board of Parliament and researchers, Program committee of the Swedish Electro mobility Center (SEC), national expert in the ISGAN Academy of Smart Grid, member of the National Committee of CIRED, and expert evaluator for HORIZON Europe.

Dr. Bertling Tjernberg is a senior member of IEEE and she is a Distinguished Lecturer of IEEE Power & Energy Society and she is a member of the IEEE PES ISGT Europe steering committee. She has served: in the PES board as Secretary (2014-2016) and as Treasurer (2012-2014), as Chair of the IEEE Sweden Chapter 2009-2019, as an Editorial board member of the IEEE Transactions of Smart Grid (2010 – 2015), Chair of the IEEE PES ISGT Europe steering committee (2010-2014) and officer in the board of the IEEE PES Subcommittee on Risk, Reliability and Probability Applications (RRPA) (2007-2013).

**Presentation: Tackling Climate Change - Women's Leadership in low-carbon action.**

Guadalupe Gonzalez

Dr. Gonzalez is a Panamanian, graduated from the Technological University of Panama where she obtained a bachelor's degree in Electromechanical Engineering and has a PhD in Electrical Engineering from Texas A&M University, USA. Currently, Dr. Gonzalez is the Director of Electricity at the National Secretariat of Energy where she oversees the development of energy policies for Panama. Additionally, she is a Professor at the Department of Electrical Engineering of the Technological University of Panama (UTP) where she is also Director of the SMARTS-E Research Program. Furthermore, Dr. Gonzalez is a member of scientific associations such as the Panamanian Association for the Advancement of Science (APANAC), and the IEEE where she is a Senior Member and has volunteered in different positions within the IEEE, currently being member at large of Diversity and Inclusion in the governing board of the Power and Energy Society, member of the governing board of IEEE Panama Section as past-president and councilor for IEEE PES R9 North Council. Since 2018, Dr. Gonzalez is member of the Board of Directors of The World Energy Council’s Panama Chapter.

Her areas of interest include energy planning, smart cities, sustainable engineering, renewable energy systems and modeling of energy systems. Currently, she also realizes studies on modeling of physical properties of biological materials. Dr. Gonzalez has published multiple articles in indexed journals and conference proceedings at the national and regional levels.

**Presentation: The role of women in the energy transition**
Khayakazi Dioka

Khayakazi Dioka is a corporate specialist for transformers and reactors at Eskom. She holds a Bsc in Electrical Engineering and an Msc in Engineering degrees, both from the University of Cape Town. She is a registered professional engineer with the Engineering Council of South Africa.

Khayakazi’s primary focus is on transformer specifications, design reviews, factory capability assessment, factory acceptance testing, failure investigations, asset health appraisal and technical support throughout the lifespan of transformer until end of life. She is also actively involved in the CIGRE engineering body, where she is a member of the transformer study committee A2, a convener of Transformer Technology advisory group and an International Chair for CIGRE Women in Engineering (WiE). She also serves as an executive board member on CIGRE Southern Africa board, responsible for Women in Engineering and young engineers’ portfolio.

As CIGRE WiE chair, she is a member of the CIGRE Steering Committee, which is the highest decision-making committee at CIGRE. She is an editorial board member of the CIGRE editorial team. In this team, she sources and reviews articles for CIGRE Electra publication. She has authored and reviewed several articles. In 2021, she authored an article on Natural ester oil on Eskom distribution transformers. This was published on the CIGRE Electra Magazine. She presented a lecture at North China Electric Power University, Beijing, on Eskom Power Transformer Technologies for better asset management.

In 2017, she was a runner up for Eskom Women in Technology and Engineering Award. In September 2021, she was awarded a 1st runner-up award for Eskom Woman of the Year.

**Presentation: Climate change - making a difference within your area of expertise**

Liwen Feng

Liwen Feng received her M.S. from the University of Massachusetts, Amherst, in Industrial Engineering and Physics in 1988 and 1984, and B.S. from Beijing Polytechnic University in Mechanical Engineering in 1980. She is the Director of China5e Research Center from 2012-2022, a Member of the council for China Energy Research Society and a Deputy-Director of Carbon Neutral Industry Corp. Center.

Her major research projects include: the policy study on Accelerating the development of shale gas in China for China National Energy Administration, ADB and World Bank; the research study on markets, industries and grid-connection for renewable energy in China for Development Research Center of State Council; the policy research and evaluation on energy-saving in China for the World Bank; the research on domestic macroeconomic environment for provided for China National Petroleum Corporation and so on.

**Presentation: Establishment of Carbon Neutral Collaborate Network**
Dipti Srinivasan

Dipti Srinivasan is a Professor in the Dept. of Electrical & Computer Engineering, where she also heads the Centre for Green Energy Management & Smart Grid (GEMS). Her recent research projects are in the broad areas of optimization and control, wind and solar power prediction, electricity price prediction, deep learning, and development of multi-agent systems for system operation and control. She has secured over S$20 Million in external funding for research projects in these areas. Her current research focuses on the development of novel computational intelligence-based models and methodologies to aid the integration of the new Smart Grid technologies into the existing infrastructure so that power grid can effectively utilize pervasive renewable energy generation and demand-side management programs, while accommodating stochastic load demand. She has authored more than 400 publications which have been highly cited.

Dipti is a Fellow of IEEE, and was awarded the IEEE PES Outstanding Engineer award in 2010. She is currently serving as an Associate Editor of IEEE Transactions on Sustainable Energy, IEEE Transactions on Smart Grid, IEEE Transactions on Evolutionary Computation, IEEE Transaction on Neural Networks and Learning Systems, and IEEE Computational Intelligence magazine.