

### EXPERTS AND BTU SPEAKERS

- Prof. Dr. Eike Albrecht, Project Director, Department of Public Law, with Focus on Environmental and Planning Law, BTU
- Daniel Ebert, M.A., Advisor for Alumni Work, BTU
- Prof. Dr.-Ing. Harald Schwarz, Kristian Platta, M.Sc., Department of Energy Distribution and High Voltage Engineering, BTU
- Michael Acquah, M.Sc., Taste Cocoa Ghana Ltd.
- Dipl.-Ing. Jörg Albrecht, Solarship
- Prof. Dr. rer. pol. Felix Müsgens, Dipl.-Vw. Sebastian Kreuz, Department of Energy Economics, BTU
- Eik Leppin, UKA
- Dipl.-Ing. Dieter Vogler, Ingenieurbüro Vogler
- Marcel Kaßner, M.Sc., »SMART Capital Region 2.0«
- Ass. iur. Alexander Drescher, Department of Public Law, with Focus on Environmental and Planning Law, BTU
- Dr. Dmitry Palekhov, Department of Environmental Planning, BTU

### MODERATION

Prof. Dr. Eike Albrecht, Eva Leptien, M.Sc., M.A., Department of Public Law, with Focus on Environmental and Planning Law

### OVERVIEW

The seminar aims at promoting a discursive exchange on strategies for accelerating the diffusion of decentralised renewable energy to improve energy access in developing countries. The seminar and trade fair visit is offered by the German Academic Exchange Service (DAAD) in the framework of the programme Alumni Special Projects. The international DAAD Alumni Seminar is organized and hosted by the Department of Public Law, with Focus on Environmental and Planning Law of the Faculty of Business, Law and Social Sciences at BTU Cottbus-Senftenberg provided by the German Federal Ministry for Economic Cooperation and Development (BMZ).

### TARGET GROUP

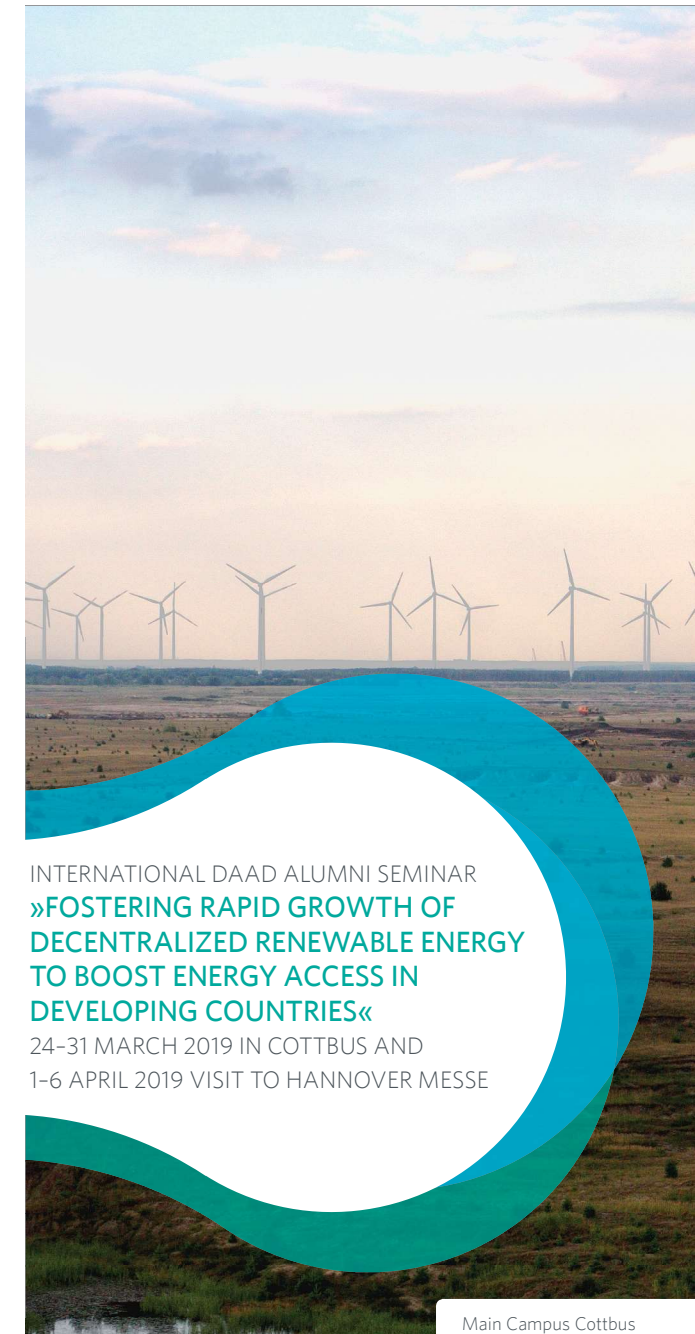
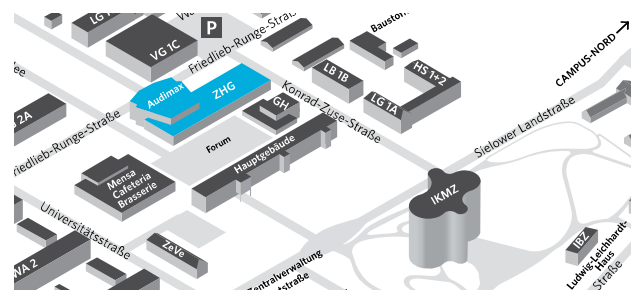
The seminar is organized for German Alumni from developing countries who carried out research or studied in Germany for at least three months. Participants are potential multipliers and in a position to disseminate the knowledge and experience to be acquired during the seminar and International Trade Fair Hannover Messe 2019.

### CONTACT

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### VENUE

BTU Cottbus-Senftenberg, ZHG, Seminar Room 4



INTERNATIONAL DAAD ALUMNI SEMINAR  
»**FOSTERING RAPID GROWTH OF  
DECENTRALIZED RENEWABLE ENERGY  
TO BOOST ENERGY ACCESS IN  
DEVELOPING COUNTRIES**«

24-31 MARCH 2019 IN COTTBUS AND  
1-6 APRIL 2019 VISIT TO HANNOVER MESSE

# PROGRAMME

## INTERNATIONAL DAAD ALUMNI SEMINAR

### MONDAY, 25 MARCH

#### Transformation of Energy Sources

- 9:00 Word of Welcome, Prof. Dr. Eike Albrecht, BTU
- 9:15 Inside BTU, Daniel Ebert, BTU
- 9:35 Introduction to the Alumni Seminar, Eva Leptien, BTU
- 10:00 Photo Session
- 10:30 Coffee Break
- 11:00 Possibilities to Integrate Surplus Energy of Decentralised Renewable Energy Sources into the Power System, Kristian Platta, Prof. Dr.-Ing Harald Schwarz, BTU
- 11:45 Renewable Energy for Rural Micro-Industrialization in developing countries: Example from Ghana, Michael Acquah, Taste Cocoa Ghana Ltd.
- 12:30 Lunch Break
- 13:30 Synergy – Alliances for Sustainability, Diana Maria Ramos Perez
- 14:15 Towards Renewable Energy in Ethiopia, Dr. Tassew Dawit Abate
- 17:20 City Tour – Meeting Point at Stadthalle Tourist Information (Berliner Str. 6)
- 19:30 Welcome Dinner at restaurant »Stadtwächter«

### TUESDAY, 26 MARCH

#### Solar Energy Technology and Application

- 9:00 Solar Chimney Power Plant Review in Iraqi Kurdistan: A Case Study - City of Erbil, Dr. Soorkeu Al Atrooshi
- 09:45 SunFarmer's Intervention with Solar Energy Technology in Nepal, Shisher Shrestha
- 10:30 Coffee Break
- 11:00 Overview about Solar Driven Boats and Ships with Examples from Low Tec High Tec, Dipl. Ing. Jörg Albrecht, Solarship
- 12:30 Lunch Break
- 13:30 Photovoltaics in Disaster Risk Management, Cynthia Linero-Molina
- 14:15 Citrus Solar Dryer, Ruth Lorena Chavez Diaz
- 15:00 Coffee Break
- 15:30 Impact of Solar Panels on Microclimate and Macroclimate, Neha Koul
- 16:15 Machine Learning of Solar Arrays, Ana Clara Reybet

### WEDNESDAY, 27 MARCH

#### Renewables Markets and Economics

- 9:00 Overview of Ghana's Renewable Energy Situation and the Role of the University of Energy in the Energy Conundrum, Dr. Emmanuel Amankwah
- 9:45 Vietnam Renewable Energy Auction Scheme, Thi To Nhien Ngo
- 10:30 Coffee Break
- 11:00 The German Energy Transition from an Economic Perspective – Status Quo and Market Design Challenges, Dipl.-Vw. Sebastian Kreuz, Prof. Dr. rer. pol. Felix Müsgens, BTU
- 11:45 The Role of the Media in Fostering Public-Private Partnership of Renewable Energy Development in Cameroon: Implications and Impact for Socioeconomic Development of Cameroon, Dr. Victor Ngu Cheo
- 12:30 Lunch Break
- 13:30 Fostering Rapid Growth of Decentralised Renewable Energy to Boost Energy Access in Developing Countries, Dr.-Ing. Najah Mahdi Mohammed Al-Mhanna
- 14:15 Evaluation of Micro Hydro Rural Electrification Projects in the Dominican Republic, Nadia Catalina Combariza Diaz
- 15:00 Coffee Break
- 15:30 Market Potential and Financial Scheme for Development of Solar Rooftop in Jakarta, Indonesia, Novita Sari
- 16:15 Prospects of Biomass Energy for Electricity Generation in Bangladesh, Dr. Hasina Akter

### THURSDAY, 28 MARCH

#### Biogas and Wind

- 9:00 Specially Protected Species in the Balancing Process of Wind Turbines in Regional Planning, Eik Leppin, UKA
- 9:45 The Lake as a Source of Energy, Dipl.-Ing. Dieter Vogler, Ingenieurbüro Vogler
- 10:30 Coffee Break
- 11:00 Biological Hydrogen Gas Production from Renewable Resources, Prof. Dr. Hidayet Argun
- 11:45 The Effect of Mechanical Pretreatment and Chemical Additions of Poultry Litter on Biogas Production, Prof. Dr. Moussa Samouil
- 12:30 Lunch Break
- 13:30 German-Mexican Cooperation for the Deployment of Biogas Technologies in Rural Areas of Mexico, Augusto Mosqueda Solis

- 14:15 Gas Well Intervention, Workover and Enhanced Recovery, Clarissa Elvira Sosa Hernandez
- 15:00 Visit of BieNE, Marcel Kaßner, »SMART Capital Region 2.0«
- 20:15 Networking Evening at »Zelig«

### FRIDAY, 29. MARCH

#### Energy Law, Policy and Planning and Review

- 9:00 International Climate Change Law and its Transposition in the EU and Germany, Prof. Dr. iur. Eike Albrecht, BTU
- 9:45 Evaluating the Benefits and Socio-Economic Impacts of Solar Energy in the Niger Delta Region of Nigeria, Johnson Tekena Johnson
- 10:30 Coffee Break
- 11:00 Geospatial-Based Electrification Planning to Accelerate Rural Electrification Program in North Sumatra, Arum Satya Sari
- 11:45 Solar Power in Germany – Current Legal and Economical Developments, Ass. iur. Alexander Drescher, BTU
- 12:30 Lunch Break
- 13:30 Does the Training of Solar Technology and its Application by East African Polytechnic College Kyambogo in Uganda, Foster Rapid Growth of Decentralized Renewable Energy; for improved Energy Access in Developing Countries?, Johnson Kibalama
- 14:15 Strategic Environmental Assessment as a Tool for Better Planning of Renewable Energy Development, Dr. Dmitry Palekhov, BTU
- 15:00 Wrap up Discussion, Review, Feedback
- 15:30 Group Work: Preparation for Hannover Messe

### SATURDAY, 30. MARCH

#### Excursion with »Spreekademie«

- 10:00 Departure at from BTU Mensa Bus Stop
- 19:00 Farewell Evening

### SUNDAY, 31. MARCH

#### Travelling to Hannover