

## PROGRAM

# 10<sup>th</sup> German-Brazilian Dialogue on Science, Research and Innovation “Sustainable Energy Transition”

**May 16<sup>th</sup>, 2023 (Tuesday)**

### 09:00 Opening Session

Marco Antonio Zago (FAPESP - São Paulo Research Foundation, President)  
Martina Hackelberg (German Consul General in São Paulo)  
Jochen Hellmann (DAAD Brazil/DWIH São Paulo, Director)

### 09:30 Introducing the 10<sup>th</sup> Dialogue

Euclides de Mesquita Neto (FAPESP - São Paulo Research Foundation / GRC - Global Research Council)

### 09:40 Keynote 1: Challenges of the Global Energy Transition and Opportunities for (new) Partnerships

Presenter: Michael Bucksteeg (University of Hagen)  
Keynote Speaker: Veronika Grimm (FAU - Friedrich-Alexander-Universität Erlangen-Nürnberg/German Council of Economic Experts)

### 10:10 Q&A

### 10:20 Coffee-Break

### 10:50 How to Accelerate the Transition to a Carbon Emission Free Energy System?

Chair: Michael Bucksteeg  
Carlos Eduardo Pellegrino Cerri (USP - University of São Paulo)  
Samuel Mössner (University of Münster)  
Roger Guilherme (Volkswagen do Brasil, Way to Zero Center)

### 11:40 Discussion

### 12:20 Break for Lunch

### 13:50 Energy Technology Innovation for Sustainable Development

Chair: Jacques Marcovitch (USP, University of São Paulo)  
Philipp Riegebauer (Bable Smart Cities)  
Roberto Schaeffer (UFRJ - Federal University of Rio de Janeiro, COPPE - The Alberto Luiz Coimbra Institute for Graduate Studies and Research in Engineering)  
Fernando Junior (Bosch, Powertrain Solutions Division)  
Paulo Roberto Antunes de Souza Junior (Siemens Electric Mobility Business Unit)

### 14:55 Discussion

### 15:35 Coffee-Break

### 16:05 How to Alleviate Financial Burdens for Low-income Households and Energy Intensive Industry

Chair: Jacques Marcovitch (USP - University of São Paulo)  
Vera Felbermayer (BASF South America, VP of Site Management, Operations and Digital Support)  
Marcio Giannini Pereira (CEPEL - Electric Power Research Center)  
Christian Oberst (IW - German Economic Institute)

### 16:50 Discussion

### 17:30 Concluding remarks and closing

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May 17<sup>th</sup>, 2023 (Wednesday)

**09:30 Announcements**

Ceremony Master: Marcio Weichert / Daniela Theuer (DWIH São Paulo)

**09:40 Keynote 2: Shifting Development Pathways: How to Enable Broader, Deeper, and Faster Climate Action?**

Presenter: Euclides de Mesquita Neto (FAPESP / GRC - Global Research Council)

Keynote Speaker: Joana Portugal-Pereira (UFRJ - Federal University of Rio de Janeiro)

**10:10 Q&A**

**10:20 Policy and Market Requirements for a Resilient and Reliable Low-Carbon Energy System**

Chair: Carlos Eduardo Pellegrino Cerri (USP - University of São Paulo)

Michael Bucksteeg (University of Hagen)

Ricardo Rütther (UFSC - Federal University of Santa Catarina)

Caio Klasing Pandolfi (Siemens Energy Brazil, Corporate Innovation)

**11:10 Discussion**

**11:50 Break for Lunch**

**13:30 Shifting Supply Chain Dependencies Following the Energy Transition and the Role of Circular Economy**

Chair: Veronika Grimm (FAU - Friedrich-Alexander-Universität Erlangen-Nürnberg/ German Council of Economics Experts)

Arnaldo Cesar Walter (UNICAMP - State University of Campinas)

Vania G. Zuin Zeidler (Leuphana Universität Lüneburg / UFSCar - Federal University of São Carlos)

Gabriel Trevisan (Bosch, Global Experts Service Sustainable Disposal and Recycle Management)

**14:20 Discussion**

**15:00 Coffee break**

**15h30 Education for Innovation and Sustainable Energy Consumption**

Chair: Joana Portugal-Pereira (UFRJ - Federal University of Rio de Janeiro)

Witold-Roger Poganietz (KIT - Karlsruhe Institute of Technology)

José Roberto Cardoso (USP - University of São Paulo)

**16:05 Discussion**

**16:35 Final Comments and Perspectives**

**16:40 Additional Special Session “Funding Programmes from Germany and FAPESP/Brazil for Research and R&D in University-Companies Cooperation**

Representatives of funding agencies from Germany and Brazil