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Energy

2022 Cooperation Forum on
Science, Technology and Innovation
BRAZIL & CHINA
INDUSTRIAL INNOVATION



Heverson Renan de Freitas,

Smart Energy Researcher at the Senai Institute for Innovation in Electrochemistry.

Heverson Renan de Freitas - Chemist, Master in Chemistry Physics and PhD in Sciences with emphasis in Chemistry Physics. 12 years of experience as a researcher in electrochemical energy accumulators (lead acid batteries, lithium-ion batteries, nickel cadmium batteries, nickel sodium batteries). Currently he works with the development of new materials for application in batteries, carbon-based additives, development of batteries for different sectors (electric vehicles, electronics, air sector, stationary sector, renewable energies) and in reuse projects (second life) and recycling of batteries.



Hao Lu, Professor,

Department of Energy and Power Engineering, School of Electrical Engineering, Xinjiang University

Dr. Lu Hao, professor and doctoral supervisor of the Department of Energy and Power Engineering, School of Electrical Engineering, Xinjiang University, is the young academic leader of the "Clean Energy" team, selected as the National Overseas High-level Talents of the Organization Department of the CPC Central Committee, and the recipient of Xinjiang Outstanding Youth Science Fund. In recent years, focusing on the strategic goal of carbon peak and carbon neutrality, the key technologies and realization paths of energy transition have been studied. He has hosted or participated in several projects, including the National Key R&D Program, the National Natural Science Foundation of China, British Innovate UK Foundation, British Rolls-Royce Research Foundation, Hong Kong RGC/GRF Project, Hong Kong ITF Project, Xinjiang Science Fund for Distinguished Young Scholars, and enterprise commissioned projects.



Carlos Ricardo Soccol, Ph.D.

Project Bioenergy 5B - Department of Bioprocess Engineering and Biotechnology, Federal University of Parana.

Professor Carlos Ricardo Soccol is the research group leader of the Department of Bioprocesses Engineering and Biotechnology (DEBB) at UFPR. Professor Soccol has experience in bioprocesses/biological engineering, industrial biotechnology, food biotechnology. The research carried out till-date has credited him with 1.386 publications, including patents (110), books (31), book chapters (175), original papers (480) and research communications in conferences/symposia (590). The research articles have so far been cited more than 34.843 times at Google Scholar Citations with Index h=88.



Ruitao Chen,

President of Zhongyuan Technology (Guangdong) Co.

Ruitao Chen, graduated from Zhengzhou University, is a member of Puning CPPCC, president of Zhong Yuan Technology (Guangdong) Co., intermediate engineer, and currently serves as vice chairman of the Electrical Equipment Intelligent Manufacturing Committee of Guangdong Society Electrical Engineering. He has been invited as a visiting professor by Guangdong Academy of Agricultural Sciences, Private Hualian College and Guangdong Peizheng College.