



# KEYNOTE SPEAKERS

## Prof. Ahmed Abd El-Moneim

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Prof. Ahmed Abd El-Moneim, received his B.Sc. and M.Sc. degrees from Faculty of Science, Cairo University in Egypt in 1988 and 1993, respectively. Received his PhD degree from Faculty of Engineering, Tohoku University, Japan, 1998. He received Post Doc and visiting fellowships from Japan, Germany, US and South Africa during the period between 1999 and 2019. Founding chair of Materials Science and Engineering Department. Dean of Basic and Applied Sciences Institute, Director of Graphene Center of Excellence for Energy and Electronic Applications.

His research is currently focused on; i) synthesis, characterization and application of nanomaterials-based on graphene for liquid and hydrogen fuel production, ultra-supercapacitors, batteries, capacitive deionization, ii) fabrication of thermo-electric and, strain gauge and gas sensors; iii) corrosion and thermal management of metallic structures.

He has 3 US, 1 JP and 2Egy patents, 130 International per-reviewed journal and conference proceedings. Supervising/supervised 32 M.Sc and Ph.D. students. PI of 3 grants from the industry, 6 research grants from the STDF in collaboration with USA, Japan and EU. He was materials consultant for International Worley Parsons, Energy. Member in the editorial board of African Corrosion Journal and Journal of Energy and Power Engineering, and national committee of Materials Science. He received several recognized national and international awards. He is also founding member in many scientific societies and NGO that contribute to public services and national awareness of science and technology.