Tentative Program

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3rd International Conference on

Power and Energy Engineering

December 03-04 , 2018 | Rome, Italy

Speaker Slots Available

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Power Engineering 2018 Invitation

December 03-04 | Rome, Italy

Speaker Slots Available

Dear All,

We are extremely delighted to host the 3rd International Conference on Power and Energy Engineering

Power Engineering, over years, has become a successful part for the Energy research, science & development and envisioning a greater and wider span for advancing the segment of this new science.

We invite your participation for this mega scientific event set to happen in Italy this year as we start to prepare the dais for a grand discussion with the theme "Communicating the Energy and Power Revolution, Preparing to Meet the Challenges of the Future and Delivering Energy Services around the World".

Regards

Organizing Committee
Power Engineering 2018 Italy

Speaker Slots Available



The Power Engineering 2018 Italy conference calls for the newest and healthiest proposals for the Meet from researchers, industrial personnel and pioneering students.

This summit is designed to meet every nook and corner research topic related to the advancement in the research and development of Engineering such as Renewable Energy, Sustainable Energy and Bio Energy in the field of Power and Energy.

Organizing Committee

December 03-04 | Rome, Italy

Speaker Slots Available

TRACK

Power Engineering | Power Systems | Power Electronics



Nasir El Bassam

International Research Centre for Renewable Energy (IFEED), Germany

Biography:

Prof. Dr. Nasir El Bassam is a Director of the International Research Centre for Renewable Energy (IFEED), Sievershausen, Germany. He has BSc, MSc, and a PhD in Chemistry, from the University of Bonn, Germany 1967. The centre has established 2 Branches: 1. Indian IFEED: Manav Institute of Technology, Hisar. India 2. USA-IFEED: Columbus, Ohio USA Responsibilites: Overall coordination of the IFEED activities in the field of research, education, training, transfers of technologies and co-operation with national and international organizations. Integration and application of renewable energy resources available in various regions for electricity, water and food supply. Development of renewable energy management strategies.

TRACK

Power Engineering | Smart Grid | Power Electronics



Piergiacomo Cancelliere

Italian National Fire Rescue and Service – CNVVF, Italy

Biography:

Piergiacomo Cancelliere got is master degree in Electrical Engineering on April 1998 at the University of Cassino, Italy. He took his PhD in Conversion of Electrical Engineering from the Second University of Naples in 2007. He started his career as an electrical engineer working for some relevant electrical enterprises, such as ABB. From June 2001 to April 2006 he was with the Electrical Machines and Drives Research Group of the University of Cassino. In May 2006 he joined the Italian National Fire Rescue and Service. He is currently a Senior Fire Officer. His technical and scientific topics cover both active and passive fire protection measures, fire assessment of electrical installations and components and ATEX related aspects.

TRACK

Power Generation | Nuclear Energy | Energy Efficiency



Abhishek Asthana

Sheffield Hallam University
United Kingdom

Biography:

Dr Abhishek Asthana, CEng, PhD, is a Reader in Energy Engineering and the Director of Hallam Energy, the energy research group at Sheffield Hallam University. He is the course director for Energy Engineering and Chemical Engineering programmes at the university. Upon joining Sheffield Hallam University in 2009, he co-founded Hallam Energy and has led 48 industrial research and consultancy. He has won £2.4 million of external funding, co-authored 27 scientific papers and 1 book, invented 4 patents and developed 5 commercial software packages. He has been as advisor to various government departments in the UK. In 2015, he established a Doctoral Training Alliance (DTA) in Energy with 15 British Universities in the University Alliance, UK, consisting of 90 PhD students and 180 supervisors.

TRACK

Power Electronics | Battery Technologies | Smart Grid



Wenping Cao

Aston University
United Kingdom

Biography:

Wenping Cao (M'05-SM'11) received the B.Eng in electrical engineering from Beijing Jiaotong University, Beijing, China, in 1991, and the Ph.D. degree in electrical machines and drives from the University of Nottingham, Nottingham, U.K., in 2004. He is currently a Chair Professor of Electrical Power Engineering with Aston University, Birmingham, U.K., and also a Marie Curie Fellow with Massachusetts Institute of Technology, Cambridge, MA, U.S.A. His research interests include fault analysis and condition monitoring of electric machines and power electronics. Prof. Cao was the recipient of the Best Paper Award at the 2013 International Symposium on Linear Drives for Industry Applications (LDIA), the Innovator of the Year Award from Newcastle University, Newcastle upon Tyne, U.K., in 2013, and the Dragon's Den Competition Award from Queen's University Belfast in 2014.

Organizing Committee

Speaker Slots Available

TRACK

Solar Energy | Energy Efficiency | Energy Storage



Ron Durbin

California Advanced Solar Technologies Institute

Biography:

Mr. Ron Durbin is the Director of Development at the California Advanced Solar Technologies Institute (UC Solar) affiliated with the University of California Merced. In this position Mr. Durbin works with California stakeholders in developing, demonstrating and commercializing cost-effective advanced solar technologies for industrial and community use. Prior to working with UC Solar Mr. Durbin worked at UC San Diego and Qualcomm, a major telecommunications company.

TRACK

Smart Grid | Energy Storage | Energy Efficiency



Xiao-Hua Yu

California Polytechnic State University

Biography:

Dr. Xiao-Hua Yu received her Ph.D. degree in Electrical and Computer Engineering from University of California, Irvine. Currently, she is a Professor in the Department of Electrical Engineering, California Polytechnic State University, San Luis Obispo. Dr. Yu has served in the organization and program committees of various international conferences, and she also serves on the editorial board of the international journal of artificial intelligence. Her research interests include computational intelligence, smart grid, adaptive control, and digital signal processing.

TRACK

Nuclear Power | Power Systems | Energy Materials



Hongwei Wu

Hongwei Wu

United Kingdom

Biography:

Dr Wu joined University of Hertfordshire as a Senior Lecturer in the School of Engineering and Technology since Jan. 2017. Dr Wu received his BEng (1st Class Honours, 1998), MSc (Distinction, 2000) and joint PhD (2004, with Hongkong University of Science and Technology) with specialisation in Mechanical and Thermal Engineering (Thermofluids) all from Beihang University (formerly Beijing University of Aeronautics and Astronautics). He has an academic/research profile previously developed at Northumbria University (Senior Lecturer, 2015-2017), University of the West of Scotland (Lecturer, 2013-2015), Birmingham University (Research Fellow, 2012-2013) and Brunel University London (Research Fellow, 2009-2012) in UK, Beihang University in China (Associate Professor, 2007-2009), as well as University of British Columbia & University of Alberta in Canada (Postdoc, 2004-2007).

TRACK

Renewable Energy | Sustainable Energy | Energy Efficiency



Abdeen Mustafa Omer

Energy Research Institute (ERI)

United Kingdom

Biography:

Abdeen Mustafa Omer (BSc, MSc, PhD) is an Associate Researcher at Energy Research Institute (ERI). He obtained both his PhD degree in the Built Environment and Master of Philosophy degree in Renewable Energy Technologies from the University of Nottingham. He is qualified Mechanical Engineer with a proven track record within the water industry and renewable energy technologies. He has been graduated from University of El Menoufia, Egypt, BSc in Mechanical Engineering. His previous experience involved being a member of the research team at the National Council for Research/Energy Research Institute in Sudan and working director of research and development for National Water Equipment Manufacturing Co. Ltd.,

Conference Directory

December 03-04 | Rome, Italy

Day 1: Opening Ceremony

• Registrations	Final attendance of the participants
• Introduction	Day 1 kicks off by Moderator's introductory speech
• Guest's Speak	Briefing the conference theme by Honorable Guest

Day 1 Sessions

• Keynote Bout	Talks covering the Theme of the Conference
• Coffee Break	Coffee and Candid shots of the Group
• Oral Session 1	Power Engineering | Power System | Power Transmission and Distribution | Power Electronics | Power and Energy Market
• Special Session	A exclusive Exhibitor hosted session/Workshop for effective B2B chance
• Luncheon	Networking over Lunch
• Oral Session 2	Battery Technologies | Fuel Cell and Combustion Technologies | Smart Grid Technologies | Alternative Energy Technologies
• Coffee Break	Post-lunch coffee break session for networking
• Oral Session 3	Energy Storage | Sustainable Energy Technologies | Solar Power | Wind Energy | Energy Economics and Policy | Bio Energy

Day 2 Sessions

• Oral Session 5	Hydropower Technology | Green Energy | Photovoltaic System | Energy Materials | Electromagnetism | Clean Energy | Nuclear Energy
• Coffee Break	Post-lunch coffee break session for networking
• Poster Session	Accepted Poster presentations
• YRF Presentation	Selected Students' Oral Presentations
• Closing Session	Award Ceremony & Thank you note by Moderator
• Coffee Break	Coffee and Refreshments

Speaker Slots Available

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Power Quality Study in Smart Grid

Tao Lin, Wuhan University, China

Biography: Tao Lin received B.E., M.E., and PhD degrees from Huazhong University of Science and Technology, Wuhan, China, in 1991, 1994, and 1997, respectively. He joined Central China Power Group Co., Wuhan, China, as an R&D Engineer in 1997. From May 2000 to July 2005, he was with Nagasaki University, Japan, University of Bath, the U.K., and University of Florida, USA as research fellows. From 2005, he is a full professor at the School of Electrical Engineering, Wuhan University, Wuhan, China. His research fields are power system operation and control, power quality analysis and control, power system relaying.

Title: Side Effect in Power Plant from Load Rejection

Obaid Saeed Namsheh, Saudi Electricity Company, Dubai

Biography: Guiding Technical Support of Operation & Maintenance , Maintenance Planning, Engineering Group, Human Resource, Materials , Budget and Change Management to Build Organizations in Challenging Generation Power in SEC. My main Duties and Responsibilities Participate in the formation of business strategies generating plant for 5 years, Prepare the department budget and power plant budget, Supervision, management and direction to the technical support in the plant. My achievement in 2017 : save more than 200.000 $ by remove ,test and installing new transformer 125 MVA. In 2017 & save more than 60,000 $ by test ,installing new H.V Bushing of transformer in 2017.

Title: Thermal securing of electrical contacts inside oil power transformers

I.Rusu, Electrica Serv, Romania

Biography: Ioan Rusu is currently the Technical Manager in SISE Muntenia Nord, SC Electrica SERV SA, Romania. He coordinates all aspects about technical maintenance in electricity distribution: Region - Muntenia North, Romania. (about - 200 Power station 110kV/MT, 10000 Transformer points 20, 6 kV/0,4kV and 110kV, MT, 0,4 kV network). He has graduated from Technical University of Iasi, Romania. He holds a certificate degree from University of Twente, Maastricht School of Management, Netherlands in the field of Energy Management. His research interest deals with power engineering, electrical engineering and energy studies.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Demand for Clean Energies Efficient Development in Buildings Technologies

Abdeen Mustafa Omer, Energy Research Institute (ERI), China

Biography: Abdeen Mustafa Omer (BSc, MSc, PhD) is an Associate Researcher at Energy Research Institute (ERI). He obtained both his PhD degree in the Built Environment and Master of Philosophy degree in Renewable Energy Technologies from the University of Nottingham. He is qualified Mechanical Engineer with a proven track record within the water industry and renewable energy technologies. He has been graduated from University of El Menoufia, Egypt, BSc in Mechanical Engineering.

Title: Comprehensive study on harmonics in power system and design of novel filter for harmonic compensation

H. M. Salay Sadman, BUET

Biography: H.M. Salay Sadman has passed his B.Sc in Engineering (EEE) from BUET in 2017. As his thesis project, he has worked on power system's harmonic nature and proposed a novel filter design process based on trial and error process. The proposed design enables passive and active filter in a variety of situation and an increased reliability for facing power harmonics related problems.The study was conducted on several established studies and reshaped to take simplicity and reliability in account. This approach is helpful for system's harmonic control mechanism.

Title: Engineering and socio-economic aspects of sustainable energy and transportation

Mehrdad Ehsani, Texas A&M University, USA

Biography: Mark Ehsani is the Robert M. Kennedy Endowed Professor of electrical engineering and Director of Sustainable Energy and Vehicle Engineering Research Program and the Power Electronics and Motor Drives Laboratory at Texas A&M University. He has served in leadership positions of several IEEE Societies, including their governing boards. He has been honored by various international organizations over 140 times, including IEEE Field Award for undergraduate Teaching and IEEE Vehicular Technology Society Avant Garde Award.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Solar Power

Mohamed Mahmoud Ismail, Helwan University, Egypt

Biography: Associate Professor Mohamed Mahmoud Ismail did his engineering degree, M.Sc. and Ph.D degree from faculty of engineering Cairo University, Egypt, 1997, 2001 and 2006 respectively. He joined the Suez Canal University as a lecturer. In 2010 he joined the faculty of engineering at Helwan University as a Teaching staff.

Title: Resiliency of Electrical Power Grid Infrastructures under Extreme Events in China

Qiang Xie, Tongji University, China

Biography: Prof. Xie obtained his PhD from Tongji University, China, in 2001. Then he went to Disaster Prevention Research Institute of Kyoto University, Japan as a JSPS postdoctoral research fellow. In 2004, he joined the faculty of the Department of Structural Engineering, Tongji University where he is currently a professor. His research focuses on natural disaster prevention of essential infrastructures, esp. wind disaster prevention of power transmission lines and high-speed rail catanery system, as well as earthquake disaster prevention of ultra-high voltage power substation equipment.

Title: Universal Energy Access: Main challenges and opportunities in Latin America

Maximiliano Bueno-Lopez, University of La Salle, Colombia

Biography: Electrical Engineer and Master in Electrical Engineering from Technological University of Pereira, Colombia. Ph.D. in Engineering at the National Autonomous University of Mexico. Currently, He is a postdoctoral researcher at the Department of Engineering Cybernetics at Norwegian University of Science and Technology- NTNU; and full time Professor at University of La Salle in Bogota, Colombia.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Smart Grid Technology

Majid Nayeripour, Cologne University of Applied Science, Germany

Biography: Majid Nayeripour received his B.S. degree in electronic Eng. from Guilan University and M.S degree in Electrical Eng. from Esfahan University of Technology and Ph.D. degree in Electrical Eng. Form Tarbiat Modares University, Tehran, Iran. He is a full Professor with the Shiraz University of Technology and researches with Cologne University of applied science as a fellowship program on a research project funded by AvH foundation. His research interests includes voltage and frequency control in smart grids.

Title: Pinch Analysis of Heat Integration in a Petroleum Refinery

Ismail Tavman, Dokuz Eylul University, Turkey

Biography: Ismail H. TAVMAN is Professor of the Mechanical Engineering Department of Dokuz Eylul University, Izmir – Turkey. He received his PhD degree from “Ecole Nationale Superieure d’Arts et Métiers”, Paris-France in 1987. Presently his fields of research are: Energy management in Industry; Wind energy; Geothermal District heating; Power plant energy analysis; Thermal and mechanical properties of conductive polymer Nanocomposites; Nanofluids- Characterization; 3-omega method for measuring thermal diffusivity and conductivity; Measurement of thermal diffusivity by Laser Flash Technique; Thermal analysis of TFT-LCD TV Panels.

Title: Alternative Green Fuels (AGFs)

Hossein Nami, Tabriz University

Biography: Hossein Nami is currently a PhD candidate in Mechanical Engineering at the University of Tabriz, Iran. He obtained his Master’s in Mechanical Engineering–Energy Conversion from the University of Tabriz, as well and his thesis was about carbon capturing power plants. His current research focuses on the alternative green fuels (AGFs), integrated thermodynamic energy converting systems. Additional areas of interest are the energy and energy economic analysis of integrated systems, zero emission systems, renewable systems and hydrogen production.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Renewable energy integration: the grand challenges and opportunities towards a sustainable energy future

George Gross, University of Illinois at Urbana-Champaign Urbana, USA

Biography: Professor George Gross has done B.Eng. (Hons.), Electrical Engineering, McGill University, Montreal, Canada and M.S. in Electrical Engineering and Computer Sciences, University of California at Berkeley. He has completed his Ph.D. in Electrical Engineering and Computer Sciences, University of California at Berkeley. He has been the visiting professor in University of Pavia, Italy and Politecnico di Milano, Italy. Now he is serving as the Professor in Information Trust Institute. He has published one abstract in a reputed dental journal.

Title: Balance of energy in a greenhouse with wet wall and exhaust fan

Eugenio Romantchik K, EDUARDO RIOS URBAN, Mexico

Biography: Euenio Romantchik works in the mechanical engineering department of the Autonomous University of Chapingo. His interest is in mechanization and automation in agriculture, as well as the energetic potential of the agricultural facilities.

Title: E-mode GaN MOSHEMT for Power Switching Application

Edward Yi. Chang, National Chiao Tung University

Biography: Edward Y. Chang received his B.S. degree from Materials Science and Engineering, National Tsing Hua University, Hsinchu, Taiwan in 1977, and his Ph.D. degree from Materials Science and Engineering, University of Minnesota Minneapolis, MN in 1985. His research interests include new device and process technologies for Compound Semiconductors for wireless communication and high power electronic applications. Dr. Chang is an IEEE Fellow and a DL (Distinguished Lecturer) of the IEEE Electronic Device Society. And also Taiwan Materials Society Fellow.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: FEA analysis of electrical machines for aircraft application

Deepak Arumugam, St Josephs Institute of Technology

Biography: Deepak Arumugam received his PhD degree in Anna University, Chennai, India in 2017. He received M.E degree in Power Electronics and Drives from Anna University, Chennai, India in 2009. His current research interest is Finite Element Analysis of Electrical Machines and Power Electronics applied to synchronous generator. Currently he is working as Associate Professor in the department of EEE in St Josephs Institute of Technology, Chennai, India.

Title: Low power content address memory cell for low power design

Khader Mohammad, Birzeit University

Biography: Dr. Khader Mohammad is currently working as Assistance Professor in the Engineering and Technology collage at Birzeit University where he teaches graduate and undergraduate level courses in hardware design, computer vision, System-on-Chip design and technical leadership. His current interests include research on the broad areas of Soc-chip design and verification, VLSI design, image processing, computer, multimedia, mobile imaging, image forensics, and methodologies to improve design and verification productivity in system design.

Title: Hydrogen production and its applications

Ahmed Hamaad, Alexandria University

Biography: Ahmed Hamaad has his expertise in evaluation and passion in improving the fuel cell technology. He works on new technology that can allow us to convert any application works by gasoline to work by hydrogen because it will be available. He begins to establish his company with team of experts that aims to spread the concept of electric cars and enter the market of Transportation through mobile application. His passion in developing this application helps him to contact with more electric cars companies, they welcomed with his idea and support him to spread it all over the world, thus our future and environment will be better.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Using smart grid for controlling energy consumption

Ahmed Khaleel Ismael Al-Azzawi, MINISTRY OF SCIENCE & TECHNOLOGY

Biography: In 2010, Ahmed Khaleel have been appointed as the Director of Energy Systems Implementation Department and in 2017 as the Director of Renewable Energy Technology Center. Upon successful completion of the Course I'm working in project of Iraq wind energy for infrastructure of renewable energy from 2007 –till now.

Title: Efficiency analysis of vapor compression refrigeration system

Barry Hojjatie, Valdosta State University, USA

Biography: Barry Hojjatiel has his expertise in materials characterization and evaluation related to pulp and paper industry and bioengineering. He is a professor and Valdosta State University and a licensed engineer at the state of Florida. He also has extensive research experience related to analysis of quenching ceramics and thermal analysis of heat treatment related to dental ceramics.

Title: Developing the largest waste to energy plant in India

Abhishek Asthana, Sheffield Hallam University

Biography: Dr Abhishek Asthana, CEng, PhD, is a Reader in Energy Engineering and the Director of Hallam Energy, the energy research group at Sheffield Hallam University. He is the course director for Energy Engineering and Chemical Engineering programmes at the university. Upon joining Sheffield Hallam University in 2009, he co-founded Hallam Energy and has led 48 industrial research and consultancy. He has won £2.4 million of external funding, co-authored 27 scientific papers and 1 book, invented 4 patents and developed 5 commercial software packages.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Optimum performances of future solar tower power plant in Algeria

Mihoub Sofiane, Tiaret University

Biography: Mihoub Sofiane has his PhD in 2017 in Renewable Energies from research unit of materials and renewable energies in Tlemcen University - Algeria-. Now; he is a teacher in Tiaret university in Algeria. He interested in his research in modeling and optimization of concentrated solar power (CSP) plant and developing system of production of hydrogen. He developed a methodology of determining the optimum performances of CSP plants using concept of solar multiple. This methodology has applied to CSP plants in three regions in the south of Algeria; and it can help stakeholders to take decision about CSP plants and novel technologies (storage and backup system).

Title: Renewable Energy for Power Supply in Remote Areas

Tao Ma, Shanghai Jiao Tong University, China

Biography: Dr Tao Ma is an assistant professor in Shanghai Jiao Tong University. Dr Ma's research is mainly related to 1) renewable energy technologies, specialized in system modelling, simulation, integration, and techno-economic optimization; 2) energy-efficient and sustainable energy technologies for buildings and cities; and 3) energy storage for remote renewables. He has already published 20+ peer-reviewed papers with high impact. His current h-index is 13 (Web of Science). In particular, his 2 papers have been indexed in Essential Science Indicators (ESI) as hot papers and 6 papers indexed as highly cited papers.

Title: Flexibility as a result of interaction between power and heat sectors.

Drazen Balic, Energy Institute Hrvoje Pozar

Biography: Drazen Balic graduated from FMENA at University of Zagreb, as well as at Faculty of Economics, University of Rijeka. Currently, he is the PhD student at University of Zagreb. The area of his interest is modelling of power plants and their integration into power and district heating systems. Moreover, he is interested in assessment of the impact of RES on operation strategies of existing and future power plants and in developing of advanced approaches in energy system modelling. Mr. Balic has experience in usage of PLEXOS Integrated Energy Model, specialized software tool for modelling, simulation and optimization of power system.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Effect of Addition of Local Materials to greenhouses Covers on weather- induced degradation properties

Itimad Kadhum Hassan Al-Asfoor, Ministry of Science and Technology

Biography: I have my expertise in more than one sector like Member with consultant degree in Iraqi Chemists Union, Scientific researcher in Ministry of Science & Technology, Dept. head of additives of petroleum and polymers (2003 – 2008), Consultant expert in deputy minister of environment office (2008-2010), Dept. Head of Bio Diesel (2017 – date).

Title: Concrete pathway to synthesize a room-temperature superconductor (RTS) for potential power applications in transmission and distribution lossless lines

Lev Mazov, Russian Acad. of Sciences, Russia

Biography: Lev Mazov has his expertise in evaluation and passion in the field of applied physics, condensed matter, materials science. His open and contextual evaluation model based on phenomenological analysis creates new, concrete pathways to synthesize room-temperature superconductors (RTS) and helps to bring trust and efficiency to the world's research.

Title: Integration of a Thermochemical Storage System in a Rankine Cycle Driven by Concentrated Solar Power: a Conceptual Study

Lingai Luo, University of Nantes, France

Biography: Dr. Lingai LUO received her Ph.D. degree (1991) in mechanic and thermal engineering from National Polytechnic Institute of Lorraine (INPL), Nancy, France. She worked as associate professor at University of Nancy I and at INPL, France. From 2003 until 2012 she was a full professor at University of Savoie, France. She is now senior research director of French National Center for Scientific Research (CNRS) at the laboratory of Thermal Science and Energy , Nantes (LTEN), France.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Development of Hydrogen Storage Materials in CNR-ITAE

Rolando Pedicini, Institute for Advanced Energy Technologies, Italy

Biography: Rolando Pedicini was graduated in Chemistry on March 2000 at the Messina University; from 2001 until now he has been collaborates with the "Nicola Giordano" (CNR-ITAE) of Messina within the project "Polymeric Electrolyte Fuel Cells (PEFC) and Hydrogen Storage" and since 2009 has reached a researcher permanent position. During this period, his activity has been focused on the development and characterisation of components for Fuel Cells and synthesis of innovative materials for hydrogen storage.

Title: Development of metal oxide polymer based robust anticorrosive composite coatings

Sundas Iqbal, Northwestern Polytechnical University, China

Biography: I am Sundas Iqbal. I am Phd student. It's my first year in here xian China .I know how to synthesis different polymer composites now I have planned to work on lithium ion batteries with my recent discovers. My future projects will base on coin battery. So that's why I want to join this conference for new ideas and research area.

Title: An optimal and efficient prior-free mechanism – a case from the energy sector

Thomas Greve, University of Oxford, UK

Biography: Dr Thomas Greve is a Research Fellow at the Department of Medicine and a Fellow of the Oxford Martin Programme on Affordable Medicines at the University of Oxford. He is also an Affiliated Researcher at CEEPR at the Massachusetts Institute of Technology (MIT).

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: The practical application of Chinese traditional geomantic omen theory in Building Information Modeling

Zhang Yi Ning, The University of Nottingham Ningbo China, China

Biography: Zhang YiNing has finished her undergraduate course of Business Administration in City University Of Macau. Now she is a PGR student major in MRes Sustainable Building Technology in The University of Nottingham Ningbo China.

Title: Multiscale modeling and experimental study of dielectric materials for electrical energy storage

Bingcheng Luo, Tsinghua University, China

Biography: Bingcheng Luo is a Ph.D. candidate from School of Materials Science and Engineering, Tsinghua University, China. He will obtain his Ph.D. in this summer. He has been working on the experimental and theoretical investigation of dielectric energy storage materials. He has published 27 papers in international peer-reviewed journals such as J Mater Chem A., ACS Appl Mater Inter., Appl. Phys. Lett., J. Am. Ceram. Soc., J Eur Ceram Soc., Compos Sci Technol., Energ Environ Sci., Carbon, etc.

Title: Design and Implementation of Taiwan Wide-Area Frequency Monitoring Network System

Chao Yuan Lai, National Taiwan University

Biography: Chao Yuan Lai was born in Taichung, Taiwan, R.O.C, in 1991. He received B.S. degree in electrical engineering from Feng Chia University, Taichung, Taiwan, in 2014, M.S degree in Computer Science from National Taipei University of Education, Taipei, Taiwan, in 2016. He is currently a Ph.D. student at the Graduate institute of electrical engineering, National Taiwan University.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Renewable Energy a solution to sub-Saharan Africa Energy Crisis

Daniel Adu, Jiangsu University, China

Biography: Daniel Adu is a PhD Student at the National research Centre of Pumps, Jiangsu University, China offering Fluid Machinery Engineering in the Research area of Small Hydropower Development in Africa. Daniel has his expertise in evaluation and passion in improving electricity situation in Africa. He has done a lot of research into how this electricity crisis in Africa especially sub-Saharan Africa can be solved and found small hydropower as one of the best ways to solve these challenges due to its enormous potential in the continent.

Title: Catalytic Reduction of Hazardous Nitro aromatic Groups

Halit Cavusoglu, Selcuk University, Turkey

Biography: Halit Cavusoglu received his Ph.D. in Materials Science from the Selcuk University (2016). He spent ten years as a faculty member at Selcuk University with appointments in Physics and in Advanced Technology Research and Application Center. He is also managing director of a commercial company called “Grafenbiotech Nanotechnology Engineering Industry and Trade Company” in Turkey. He is conducting the company's research and development policy. His main research interests include design, fabrication, and characterization of thin-films, plasmonic and carbon-based nanomaterials.

Title: Integration of a Thermochemical Storage System in a Rankine Cycle Driven by Concentrated Solar Power: a Conceptual Study

Traian Ionut Luca, Babes Bolyai University

Biography: Ionut Luca has his expertise in optimization and an interest in mathematical modeling and statistics. Currently he is teaching statistics and optimization at Faculty of Business from Babes-Bolyai University Romania, being involved in some research activities with professors from Arizona State University and some teaching activities at universities from The Netherlands, Russia, Azerbaijan and Morocco. Development of bi-criteria optimization models applied in energy field has started in 2015.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Electrical Energy Storage Systems for Electric Mobility

M.S. Michael, SSN College of Engineering

Biography: Dr.M.S.Michael is working as an Associate professor at the Department of Chemistry, SSN College of Engineering, Tamil Nadu, India. As a consistent performer in studies, she earned gold medal in all the degrees obtained. In 1996, she received her Ph.D in the field of Corrosion science with a special reference to anti-corrosion coatings. She took up post-doctoral assignments in both Malaysia and France between 1996 and 2006. As part of post-doctoral assignment under INDO-FRENCH co-operation project, she developed new cathode materials for lithium-ion batteries.

Title: Study on Hydrogen sorption kinetic reaction in composite polymer for Hydrogen Storage

Marco Filippo Gatto, CNR-ITAE, Italy

Biography: Marco F. Gatto obtained his Master's Degree in Chemistry on October 2017 at University of Messina; his final thesis concerns the synthesis and study of properties of a nano - system for photo - oxidation of water. Actually, he is a Ph. D. student at Research National Council ITAE of Messina and his work concerns the study of new hydrogen storage systems.

Title: Solar Urban Planning: Methods and Tools

Miguel Amado, CERIS IST

Biography: Miguel Amado is Associate Professor with Habilitation in Architecture at Instituto Superior Tecnico at Universidade de Lisboa. He is member of CERIS - Civil Engineering Research and Innovation for Sustainability and Coordinator of GEOTPU.LAB - Research Group on Spatial, Regional and Urban Planning. Has a PhD in Environmental Engineering, UNESCO MBA in Urban Centers, Master in Urban Planning and Environment and Habilitation in Architecture. Is author of three books: Sustainable Urban Planning, Oeiras E-City, Sustainable Construction. Holds one patent and works in international projects in Europe, Africa and Asia continents.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Graphene-Pt Nanohybrid as a Robust and Low-cost Counter Electrode for Dye-sensitized Solar Cells

Nguyen Thi Quynh Hoa, Vinh University

Biography: Nguyen Thi Quynh Hoa is an Associate Professor in School of Engineering and Technology, Vinh University (Vietnam). Her research interests are in the field of synthesis, characterization and applications of nanomaterials.

Title: Metamaterial based conical frustum array nanostructure for wide-angle and polarization-insensitive absorber in the visible region

Phan Duy Tung, Vinh University

Biography: Phan Duy Tung was born in 1987 in Viet Nam. He received his M.Sc. Radio Engineering from Tula State University, Russia. He is a researcher at Microwave Lab. in Vinh University. His research interests include electromagnetic materials and their applications in antenna, absorber and wireless power transfer.

Title: Smart Buildings

Richard Chbeir, University Pau & Pays Adour, France

Biography: Richard Chbeir is Professor and Head of the Computer Science Laboratory at the University of Pau and Pays de Adour, France (LIUPPA), where he is also Team Director of the Semantic & Privacy in Digital Ecosystems (SPiDER) Research Group. His research interests include information retrieval, multimedia databases, similarities between XML and RSS, and the intelligent web.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: The usage of negative stiffness vibration isolators for reducing of pipeline natural frequencies

Artem Tokarev, USPTU, Ufa, Russia

Biography: Artem Tokarev is one of the eminent people who are working in Ufa State Petroleum Technological University. His research mainly comprises of pipeline systems. It's resonance, vibration, damping and pumping.

Title: Materials for Hydrogen Storage Applications

Turkan Kopac, Bulent Ecevit University

Biography: Dr. Turkan Kopac received her B.Sc (1983) and M.Sc degrees (1985) in Chemical Engineering from the Middle East Technical University, and Ph.D in Chemical Engineering (1992) from Gazi University, Ankara Turkey. Her research activities focus on adsorption, adsorbent development/characterization, nanostructures, protein adsorption/surface interactions with nanomaterials, dye adsorption, activated carbon from coal, environmental applications, MOF structures, hydrogen storage, methane, carbon dioxide adsorption.

Title: Study and construction of a floating Photovoltaic system

Vasiliki Perraki-Goutsou, University of Patras

Biography: Vasiliki Perraki had her expertise in epitaxial silicon solar cells and 3D modeling. Her research interests included also, the Effect of temperature, radiation, impulse voltage/strikes on the properties of different models of photovoltaic modules, as well as, the influence of tilt angle and solar tracked systems.

PROVISIONAL PROGRAM

Tentative Speakers

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Title: Reused Lithium-ion Battery Applied in Water Treatment Plant

Wu-Yang Sean, Chung Yuan Christian University

Biography: Wu-Yang Sean obtained his Ph.D in Engineering in 2005 at the University of Tokyo (Japan) for research in new resource in the ocean, methane hydrate. From 2006 before he joined CYCU in 2013, Dr. Sean worked in the field of green energy and electric vehicles in non-profit organization, ITRI in Taiwan. In ITRI, he was a group head and responsible for the research of industrial technologies. The solid research achievements include 11 patents fired in Taiwan, China and US with strong team work under the supervisor of Dr.Yi-Hsien Chiang.

Title: Power Transformer Diagnosis Based on Wavelet Transform and KNN Classifier

Saady Abdel-Hamid El-Sayed Hasan, Helwan University, Egypt

Biography: Abdul Hamid Hussei is one of the eminent people working in Helwan University. He is one of the professor in the department of Physics. Some of his research work include: Determination of aluminum concentration in copper–aluminum alloys using □-ray transmission techniques, Determination of □-spectrometric parameters for Na2CO3 and H2O in Na2CO3-water solution and Determination of □-spectrometric parameters for some chloride salt solutions.

Title: Study of Nonlinear and Complex Behavior of Multistage Power Inverter

Sanjeev Kumar, IFTM University

Biography: Sanjeev Kumar presently working in IFTM University. In his life time he has done many research work some are: Efficient Natural Language Response Suggestion for Smart Reply, First report of isolation of maleamic acid from natural source Polygonatum cirrhifolium —A potential chemical marker for identification, Distributed Mean Estimation with Limited Communication and Orthogonal Random Features.

PROVISIONAL PROGRAM

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Title: Power Supply interruptions as key constraint to Development in Ekiti State, Nigeria

Adeoye O.S, the Federal Polytechnic

Biography: Adeoye OS is working at Department of Electrical and Electronic Engineering, The Federal Polytechnic, Ado-Ekiti, Nigeria. Research Interest are Efficiency; Generation; Performance power.

Title: Power Grid

Mubashara Ayub, North China Electric Power University, China

Biography: Mubashara Ayub is presently a research analyst at North china electric power university (electric power system and its automation) in North China Electric Power University. He has completed his bachelor's degree in the field of Electrical and Electronics Engineering from Air University. His interests are electrical engineering and data analysis along with strategic planning.

Title: Study on Supercapacitor Equivalent Circuit Model based on the simulation

Zhiwei li, Inner Mongolia University of Technology, China

Biography: Zhiwei Li has completed his Bachelor Degree in 2016 from the Dezhou university. And he has been studying at the graduate level in Inner Mongolia university of technology. He took part in a new energy innovation competition and obtained the first prize in the college. He is studying the new energy application of lithium-ion supercapacitor. And he has published one paper in journals.

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Being in Italy

Rome is in the Lazio region of central Italy on the Tiber river (Italian: Tevere). The original settlement developed on hills that faced onto a ford beside the Tiber Island, the only natural ford of the river in this area.

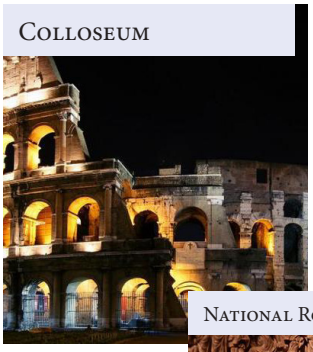
The Rome of the Kings was built on seven hills: the Aventine Hill, the Caelian Hill, the Capitoline Hill, the Esquiline

Hill, the Palatine Hill, the Quirinal Hill, and the Viminal Hill. Modern Rome is also crossed by another river, the Aniene, which flows into the Tiber north of the historic centre.

Pilgrimage: Rome has been a major Christian pilgrimage site since the Middle Ages. Architecture: Rome's architecture over the centuries has greatly developed, especially from the Classical and Imperial Roman styles to modern Fascist architecture. Rome was for a period one of the world's main epicentres of classical architecture, developing new forms such as the arch, the dome and the vault. Economy: Being the capital city of Italy, Rome hosts all the principal institutions of the nation, like the Presidency of the Republic, the government (and its single Ministeri), the Parliament, the main judicial Courts, and the diplomatic representatives of all the countries for the states of Italy and the Vatican City (curiously, Rome also hosts, in the Italian part of its territory, the Embassy of Italy for the Vatican City, a unique case of an Embassy within the boundaries of its own country).

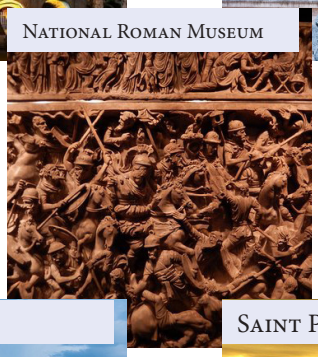
Speaker Slots Available

Rome 2018

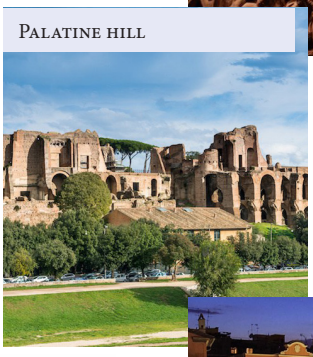

Colloseum

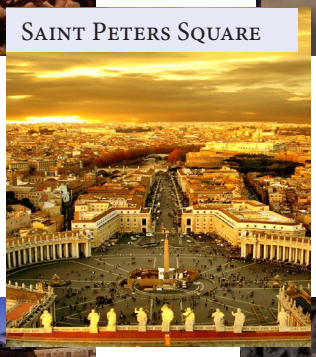

Equestrian Statue

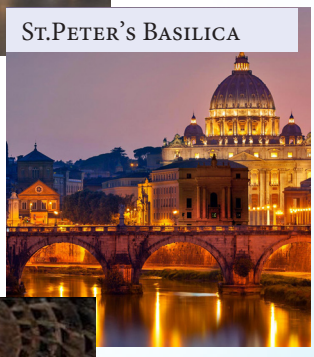

Vatican Museum

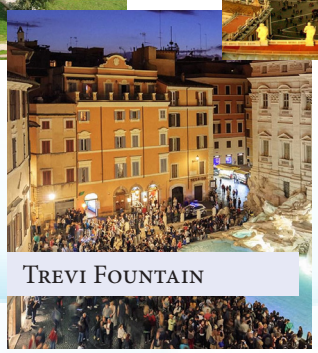

National Roman Museum

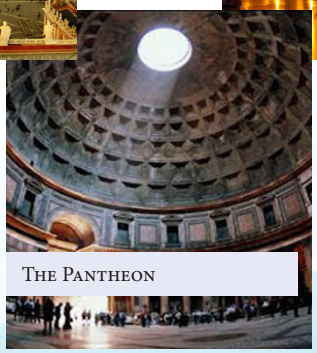

National Roman Museum


Palatine hill


Saint Peters Square


St.Peter's Basilica


Trevi Fountain


The Pantheon

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