# ICERE 2016

## International Conference on Environment and Renewable Energy

### 25-27 May 2016, Munich, Germany

### Sheraton München Westpark Hotel

Garmischer Strasse 2, 80339 München, Germany

# Conference Program

**25 May 2016**

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| 15:00-17:00 |  | Conference registration |

**26 May 2016**

**Hall München**

**Doors open at 10:30**

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| 11:00-11:10 | Elena Ringo  International Scientific Journal | Opening Speech |
| 11:10-11:30 | **Marika Tatishvili**  Weather modeling department at Georgian Technical University | **Keynote speech**  “Thunderstorm and hail processes over Georgian territory against global climate change background” |
| 11:30-11:45 | Mohammed Bou-Rabee | **Oral Presentation**  "Integration of Solar Energy Systems into Kuwait Electric Grid" |
| 11:45-12:00 | Md Gholam Yazdani | **Oral Presentation**  “Properties of Briquette from Some Agricultural Waste Available in Brunei Darussalam and its Environmental Impact” |
| 12:00-11:15 | Md Hazrat Ali | **Oral Presentation**  “Small Scale Sun Tracking Power Plant” |
| 12:15-12:30 | Kadri Süleyman Yiğit | **Oral Presentation**  "Two-Staged Wet Anaerobic Digestion of Landfill Leachate and Organic Waste: The Effect of Organic Waste Type on Biogas Production" |
| 12:30-12:45 | Wilailak Siripornadulsil | **Oral Presentation**    “Enzymatic activity and Degradation of lignocellulosic biomass by cellulase-producing bacteria isolated from agricultural wastes” |
| 12:45-13:00 | Ahmed Mohamed El-Zeiny | **Oral Presentation**  "Geospatial techniques for detection of vulnerable areas to contamination at Damietta coast, Nile Delta, Egypt'' |
| 13:00-13:15 | Mohamed Ramadan Gomaa | **Oral Presentation**  “Enhancement Energy Saving and CO2 Emissions Reducing through PV Systems” |
| 13:15-13:30 | Murat Hosoz | **Oral Presentation**    "Comparison of the experimental performance of an automotive heat pump system using HFO1234yf and HFC134a" |
| 13:30-13:45 | Qiyuan Li | **Oral Presentation**  "Technical Feasibility of a Novel Integrated Concentrating Solar Collector with Latent Heat Thermal Energy Storage" |
| 13:45-14:45 | Lunch Break | **Poster Presentations** |
| 14:45-15:00 | Senol Baskaya | **Oral Presentation**  "Experimental and Numerical Prediction of Flow Field Around a Panel Radiator" |
| 15:00-15:15 | Sara Pfoser | **Oral Presentation**  "Drivers of Alternative Fuels Acceptance: The Example of Liquefied Natural Gas" |
| 15:15-15:30 | Tamer Calisir | **Oral Presentation**    "Experimental Efficiency Comparison of Cross-Flow and Counter-Flow Plate Air to Air Heat Exchangers" |
| 15:30-15:45 | K. S. Patel | **Oral Presentation**  "Combustion Characteristics of Rice Straw" |
| 15:45-16:00 | Robert Langton | **Oral Presentation**    “Economic Assessment of a New Process for Producing Drop-In Biofuels from Forest Residues” |
| 16:00-16:15 | Eray Can  Hikmet ERBIYIK | **Oral Presentation**  “The Importance of Topographic Measurement Controls in the Design and Implementation Phases of Wind Power Plants” |
| 16:15-16:30 | Abdulrahim Rezaee | **Oral Presentation**  **“**Evaluation of the impact of Urban heat island on energy consumption of buildings” |
| 16:30-16:45 | Suzan Biran Ay | **Oral Presentation**  ‘’Effect of sequential hydrothermal and alkaline solution pretreatments on enzymatic hydrolysis of hazelnut shells’’ |
| 16:45-17:00 | Alexis Berhault | **Oral Presentation**  "River Global Hydroelectric Power Evaluation" |
| 17.00-17:15 | Kiyoumars Roushangar | **Oral Presentation**    “Investigating impact of climate change scenarios on semi-arid watershed runoff” |
| 17.15-17.30 | Endrit Hoxha | **Oral Presentation**  “Effect of Dimensions on Embodied Environmental Impact of Buildings” |
| 17:30-17:45 | Surasak Siripornadulsil | **Oral Presentation**  “Molecular and Fuctional Characterization of Bio-Surfactin From Bacillus Amyloliquefaciens E1PA as Bio-Surfactant in Lipase-Catalyzed Biodiesel Production” |
| 17:45-17:50 | Behzad Panahirad | **e-Poster**  “Exergy analysis of an integrated biomass based system for multigenerational aims’’ |
|  | Ratanaporn Leesing | **Poster**  "Microbial oils-based biodiesel production from wet cell of mixed culture of microalgae and yeast grown on traditional fermented rice noodle wastewater" |
|  | Emir Zafer Hosgun | **Poster**  “Conversion of waste agricultural biomass into furfural and HMF using AlCl3 catalyst” |
|  | Berrin Bozan | **Poster**  “Improving enzymatic hydrolysis of hazelnut shells by alkaline peroxide (APO) pretreatment’’ |
|  | Brigita Dalecka | **Poster**  "Lignocelullose degrading enzyme production from Irpex lacteus and Fusarium solani " |
|  | Thanh Nguyen Tien | **Poster**  “A statistical analysis of observed and projected extreme precipitation trends in Southern Vietnam” |
|  | Emir Zafer Hosgun | **Poster**  “Conversion of waste agricultural biomass into furfural and HMF using AlCl3 catalyst” |
|  | Berrin Bozan | **Poster**  “Improving enzymatic hydrolysis of hazelnut shells by alkaline peroxide (APO) pretreatment’’ |
|  | Brigita Dalecka | **Poster**  "Lignocelullose degrading enzyme production from Irpex lacteus and Fusarium solani " |
|  | Onur Yildiz | **Poster**  "Sodium hydroxide pretreatment of sunflower stalks for enzymatic hydrolysis" |
|  | Selin Urey | **Poster**  "Effect of Pretreatment Techniques on the Catalytic Conversion of Hazelnut Shells in to Chemicals Using FeCl3 catalyst" |
|  | Rizqi Akbar | **Poster**  “Alternative Method of Utilization Solar  Thermal Energy as Electricity  Using Thermoelectric Generator” | |
|  | Cihan ALAŞ | **Poster**  “Smart City Models and Energy Saving” | |

**27 May 2016**

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| 14:00-18:00 |  | Oral Presentations |
| 14:00-14:15 | Darío Lafferte | **Oral Presentation**  “LVRT-Capability of DFIG- and PMSG-based wind energy converters” |
| 14:15-14:30 | Dong-geun Shin | **Oral Presentation**  “ZSM-5/SiC fiber hybrid catalyst system prepared by preceramic polymer based process” |
| 14:30-14:45 | Fereshteh Beigli | **Oral Presentation**  “Underground and semi underground passive cooling strategies in hot climate of Iran” |
|  |  | **BREAK** |
| 15:00-  15:15 | James Moran | **Oral Presentation**  "Development of a National Standard for a Biogas Grid in Thailand" |
| 15:15  -15:30 | Getúlio Júnior | **Oral Presentation**  "Building The Brazilian Smart Grid with Photovoltaic Systems: Project “51 Rooftops” |
| 15:30-  15:45 | Jui-Yen Lin | **Oral Presentation**  "Synthesis of Trimethyl Borate from Barium Perborate with Nitric Acid as Leaching Agent" |
| 15:45-16:00 | Tsung-Yu Hsieh | **Oral Presentation**  "Chemical Oxo-precipitation Evolving into An Energy Efficient Technology to Protect Environment from Borate Pollution" |
| 16:00-16:15 | Haris ÇALGAN | **Oral Presentation**  An Adaptive Sliding Mode Controller Design for DFIG based Wind Turbine System on LabVIEW |
|  |  | **BREAK** |
| 16:30-  16:45 | Bahareh Sadeghalvad | **Oral Presentation**  "Reuse of High-phosphorous Iron ore mineral wastes as an adsorbent of sulfate" |
| 16:45-17:00 | Jodel L. Cuasay | **Oral Presentation**  “Evaluation of Climate Forecast System Reanalysis and local weather station data as input for run-of-river hydropower assessment in Agusan River Basin, Philippines" |
| 17:00  17:15 | Fatih Onur HOCAOĞLU | **Oral Presentation**  "An Investigation of the effect of the dust on PV efficiency: A Case Study for Afyonkarahisar region” |
| 17:15  17:30 | Klathea Sevilla | **Oral Presentation**  "Estimation of Rice Hull Energy Potential using Landsat-Derived Agricultural Maps in Camarines Sur, Philippines"” |
| 17:45-  18:00 | Ahmed Freewan | **Oral Presentation**  “Retrofit of residential buildings in Jordan to improve building energy efficiency;  Optimized model for energy saving’’ |
| 18:15-  18:30 | Riban Satia | **Oral Presentation**  “Common Pool Resources of Lake Takapan: Institution, Environment Degradation, and Solution” |
| 18:30-  18:35 | Brigita Dalecka | **E-Poster**  "Lignocelullose degrading enzyme production from Irpex lacteus and Fusarium solani " |