# 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 RingoInternational 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 Processfor Producing Drop-In Biofuels from Forest Residues”  |
| 16:00-16:15 | Eray CanHikmet 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" |
| 17:0017:15 | Fatih Onur HOCAOĞLU | **Oral Presentation**"An Investigation of the effect of the dust on PV efficiency: A Case Study for Afyonkarahisar region” |
| 17:1517:30 | 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 " |