Paper and Poster Awards

Student Paper Awards

1st Prize

#814  Xiao Zha

Nitrogen Removal by New-Type Rotating Biological Contactors with Anoxic Filter for Domestic Sewage Treatment in Rural Area. Xiao Zha, Jun Ma and Xiwu Lu (Southeast University, Nanjing, China)

2nd Prize

#828  Boya Zhang

Characteristics of Peroxyacetyl Nitrate Pollution during A 2015 Winter Haze Episode in Beijing. Boya Zhang and Jianbo Zhang (Peking University, Beijing, China)

3rd Prize (3 Awardees)

#664  Gayana Anjali Dissanayake Herath


#707  Xiaohu Lin

Experimental Study on Treating and Recycling of Steel Rolling Wastewater by Constructed Wetland Enhanced with Sulfur Autotrophic Denitrification. Xiaohu Lin, Jingcheng Xu, and Jie Ren (Tongji University, Shanghai, China)

#829  Jinyan Li
Analysis of Municipal Solid Waste Producing Law and Internet Technology-based Enterprises in China. Jinyan Li, Haizhen Yang (Tongji University, Shanghai, China)

Young Scientist Paper Awards

1st Prize

#585 Fateme Rezaei

Adsorptive Removal of Formaldehyde from Indoor Air Using Mixed-Metal Oxides. Fateme Rezaei, Anirudh Krishnamurthy (Missouri University of Science and Technology, Rolla, Missouri, USA)

2nd Prize

#825 Shakhawat Chowdhury

Formation of Disinfection Byproducts in Desalinated Drinking Water: An Assessment and Control Strategy. Shakhawat Chowdhury (King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia)

3rd Prize

#688 Asanga Wijesinghe

Effects of Nanoparticle Based Fuel Additives on Diesel Engine Performance and Emissions. Asanga Wijesinghe, Fanxu Meng, Carolyn LaFleur and Richard Haut (Houston Advanced Research Center, The Woodlands, Texas, USA)

Outstanding Paper Awards

1st Prize (2 Awardees)

#586 Hafiz Ahmad

A Comparative Study of Cod Removal from Wastewater Using Biochar and Activated Carbon from Hardwood and Pine Tree. Hafiz Ahmad, Korhan Adalier, Brandon Madden, Douglas Brown and Andres Rodrigues (Florida State University, Panama City, Florida, USA)

#885 Barry J. Hibbs

Modeling and Assessing Uncertainty Factors in Salt Balances in Groundwater Basins. Barry Hibbs and Godina Ying (California State University, Los Angeles, California, USA)

3rd Prize
#582  Shengyan PU and Shengyang XUE

In situ Co-Precipitation Preparation of a Superparamagnetic Graphene Oxide/Fe3O4 Nanocomposite as an Adsorbent for Wastewater Purification: Synthesis, Characterization, Kinetics and Isotherm Studies. Shengyan PU, Shengyang XUE, Yaqi HOU, Zeng YANG and Rongxin ZHU (Chengdu University of Technology, Chengdu, China)

Poster Awards

1st Place

Presenters: Steven Wu and Richard H. Zhang

Paper #: 642

Poster Title: Phosphorous Removal in Eutrophic Surface Water to Control Algae Bloom Using Sorption-Precipitation Based Natural Materials.

Authors: Chunlong Zhang, Rio Carlo Lirag, Steven Wu, Richard H. Zhang (University of Houston-Clear Lake / Clear Lake High School, Houston, USA)

2nd Place

Presenter: Minjin Kim

Paper #: 692

Poster Title: The Effect of Sodium Hypochlorite on RO Membrane Surface during Backwashing in Seawater Desalination Process

Authors: Minjin Kim, Jayeong Seong, Nayoung Park, and Hyungsoo Kim (Sungkyunkwan University, Suwon, Korea)

3rd Place

Presenter: Natalie Ownby

Paper #: 832

Poster Title: Smart Sensing and Control of Thermoelectric Coolers for Atmospheric Water Generation

Authors: Natalie Ownby, Melina Mijares, Mark Summers, and Bahram Asiabanpour. (Texas State University, San Marcos, Texas, USA)