

Scholarships 2017

Lotta Aho

“Institutional Maintenance of Market Mechanisms as Solution to Climate Change: Exploring the Outcome in Energy Sector”

Alimohammadisagvand Behrang

” Influence of demand response actions on energy consumption and cost for residential houses in Finland”

Elena Bazhenova

“Nanostructured oxygen carriers for chemical looping processes from first principles calculations”

Cheah You Wayne

“Study of shaped solid acid catalysts for hydrolysis of di- and oligo-saccharides”

Farogh Syed Imran

” Pyrolysis oil fractionation and purification”

Adriana Freitas

”Mikrovågsassisterad epoxidering av oljor: en nyt reaktionsväg till biosmörjmedel och kemiska intermediärer”

Scholarships 2017

Gulagi Ashish

” Transition pathways towards a low cost fully sustainable energy supply for India with a special focus on rural electrification”

Andreas Holm

” Lawrence Livermore National Laboratory-tutkimusmatka: Harjoittelu UEDGE-simulaatio-ohjelman käytössä ja kokeellisen fuusioreaktorin toiminnan tutkiminen”

Lauri Hytönen

” Management and utilization of heat in high-efficiency concentrated photovoltaic cell systems”

Haider Iftikhar

” Large-area dye-sensitized solar cells with novel material composites”

Timo Ikonen

” Porous silicon based composite material as a high capacity Li-ion battery anode”

Jogi Rama Krishna

” An integrated process for the production of green aviation fuel range cycloalkanes through hydrothermal liquefaction of lignocellulosic biomass”

Riikka Juhola

” Teollisuuden sivuvirtojen ja biomassojen hyödyntäminen vedenpuhdistuskemikaaleina”

Scholarships 2017

Viivi Kallio

“A hybrid weather satellite – weather model forecasting system for solar surface radiation over Fennoscandia”

Jyri Kivimäki

” Pätötehon säätö verkkoon kytketyissä aurinkosähköjärjestelmissä”

Kirsi Kotilainen

“Prosumer role in emerging energy innovation ecosystem”

Mariia Kozlova

”Renewable Energy Investment Profile in Russia”

Kufeoglu Robin Sinan

” Smart Incentives for the Demand Side Management Techniques: How to Enhance Customer Participation at Residential Sector”

Lucas Lagerquist

“Structural Characterization and Modifications of Novel Lignins Isolated from Biorefineries”

Valtteri Laine

“Uusiutuva energia pienkohteissa”

Scholarships 2017

Jari Lappalainen

” Sulasuolan dynaaminen simulointi - validointitutkimus”

Roni Luhtala

”Adaptive Control of Grid-Connected Inverters Based on Online Measurements of Grid Impedance”

Johanna Majoinen

” Biobased block coPolymer electrolytes for safer and more efficient electrochemical Energy Storage solutions. (BioPoIES)”

Arunas Mesceriakovas

” Production of Si-doped carbon nanostructures for lithium and beyond lithium ion batteries”

Ali Najarnezhadmashhadi

” Development of new structured catalyst and reactor technologies for biomass conversion”

Salla Puupponen

”Cold-crystallization as a novel principle for long-term storing of thermal energy”

Taina Rauhala

” Electrode materials for lithium-ion batteries and battery-supercapacitor hybrid energy storage devices”

Scholarships 2017

Antti Rintala

“Developing accurate group constant models and modeling reactor core neutronics responses to perturbations”

Jouni Rissanen

”Utilization of biomass fly ash from fluidized bed combustion as cement replacement material”

Annu Rusanen

”Sahanpurun selektiivinen hydrolyysi sokereiksi ja sokerien kemiallinen muuntaminen korkean lisäarvon tuotteiksi”

Ville Sahlberg

“An advanced deterministic neutronics module for modern simulation tools”

Petri Salmela

“Orgaanisten donorimateriaalien valmistus”

Jagadish Salunke

” Air-stable perovskite solar cells”

Eemeli Tsupari

“Väitöskirjan kirjoittaminen”

Scholarships 2017

Riku Tuominen

”Multi-physics modeling of small modular reactors”

Mikko Wahlroos

” Smart low-carbon district heat systems supporting the energy system transition ”

Yewale Rahul Balu

“Highly doped high surface area composite materials for supercapacitors”

Markku Ylönen

“Adaptive Lifetime Estimation of Francis Turbines Experiencing Cavitation Erosion”

Tommi Yu

“From Strategic Planning and Macro-Control Towards The Establishment of Legal Regime for the Solar Energy Sector in The People’s Republic of China”