



## DECISION ON THE BEST GRADUATE THESES AND THESES AWARDS

From 2015, the International Centre for Sustainable Development of Energy, Water and Environment Systems (SDEWES Centre) is rewarding best students of the University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture in the category of the best graduate work in the field of **sustainable energy development, water and the environment**.

In accordance with the SDEWES Centre graduate theses contest for the academic year 2016/2017, and Regulations on awarding graduate theses, the decision was made by a three-member committee consisting of:

1. prof.dr.sc. Nataša Markovska (Macedonian Academy of Sciences and Arts, Skopje)
2. prof.dr.sc. Nikola Ružinski (Faculty of Mechanical Engineering and Naval Architecture, Zagreb)
3. prof.dr.sc. Aleksander Zidanšek (Institute Jozef Stefan, Ljubljana)

Committee members evaluated the submitted works in accordance with the prescribed criteria and standards and made their choice on the best graduate theses in the field of sustainable development of energy, water and the environment systems of the following candidates:

1. **Mario Majdandžić**, title: "Solarization of the Republic of Croatia",
2. **Luka Pavlinek**, title: "Technoe-conomic analysis of the integration of renewable energy sources and the transport sector in the energy network of island systems",
3. **Vanja Kušen**, title: " Interdisciplinary Approach to the use of energy models in early stages of low-energy building design "

SDEWES Centre Management Board decided that that the first-ranked candidate Mario Majdandžić will be rewarded with a **cash prize in the amount of 5,000.00 HRK** and the other two candidates will be awarded with a fee waiver for one of SDEWES conferences to be held in 2018.

The aim of these awards is not only fostering excellence in graduate theses of students of the Faculty of Mechanical Engineering Naval Architecture in the field of sustainable development of energy, water and environment systems, but also helping young graduates



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in their pursuit of scientific work and research. Participation at conferences is an excellent opportunity for young researchers to present their works, acquire new ideas and knowledge and communicate with scientists from around the world, and often, prices of conference fees present a very large obstacle for young scientists. Precisely because of that, SDEWES conferences have much lower fees for graduate and postgraduate students. Coming to a SDEWES conference means participating in one of the world's best conferences in the area of sustainable development. SDEWES2017 brought together 530 scientists from 60 countries who presented latest scientific achievements in their fields. In addition to lectures, an important part of the conferences are also various panels, invited lectures of best experts in the field of sustainable development and numerous workshops and other activities aimed at connecting scientists.

Next two SDEWES conferences will be held in Brazil <http://www.rio2018.sdewes.org/> and in Serbia <http://www.novisad2018.sdewes.org/>.

SDEWES Centre thanks all the candidates who have submitted their works and congratulates the winners! Also, we invite all students that will defend their thesis in academic year 2017/2018, to choose a topic in the field of sustainable development and participate in the next SDEWES Centre contest for the best thesis.

President of SDEWES Centre Management Board

prof.dr.sc. Neven Duić

Zagreb, 9<sup>th</sup> November, 2017