

In 2014 I was honored by the IEEE PES German Chapter with the best diploma award of “Werner Siemens”. This event took place in the context of the IEEE milestone awarding of the Rheinfelden Power Plant in September 2014. Therefore, I had the pleasure of choosing an IEEE conference to visit, subsidized with this financial award. Having checked the scopes of the main IEEE conferences dealing with Energy and Power transmission I decided to attend the IEEE Powertech in Eindhoven from 29th of June to 2nd of July 2015. This decision was based on its thematic proximity to the European power system and energy market.



After my arrival in Eindhoven and a small sightseeing tour, I participated in the Welcome Reception, which promised a very interesting conference on “Future Power Systems and Emerging Technologies”. I was therefore very curious about how the announced sessions would embody this spirit. The courses which covered a wide range of subjects ranged from highly academic to European-wide project presentations. My ambition was to visit a variety of thematic courses. In the sessions and posters that dealt with HVDC transmission, which was also the scope of my master thesis, it was very interesting to see the development of the state of the art in research over the last two years. Furthermore, I attended several presentations related to energy markets, system operation and security which is my current point of interest. In these courses and posters it was very refreshing to see how present problems in these fields were discussed by the authors from a different perspective. Beside these topics, it was also very interesting to attend sessions dealing for example with dynamics or stability. For me, some of the thematic highlights were the special sessions, where some European-wide projects such as the eHighway2015 or the iTesla-project were presented in which several companies are involved. From an event’s point of view, the conference dinner organized in the Muziekgebouw Eindhoven was another highlight. In summary, for me it was a very inspiring conference with many valuable presentations. Finally I would like to thank Professor Westermann from TU Ilmenau who proposed my Master Thesis for the best diploma award of “Werner Siemens” as well as the IEEE German Chapter and Siemens who supported me in visiting the Powertech2015 in Eindhoven.