



Technical sponsorship

## 4<sup>th</sup> International Doctoral School of Electrical Engineering and Power Electronics

May 29, 2015	
Friday	Chair: Prof. Ilja Galkins
9.00 – 10.00	Registration / Accommodation (Coffee)
10.00 – 10.05	<b>Welcome Speech:</b> Professor <b>Leonids Ribickis</b> , rector of Riga Technical University
10.05 – 10.30	<b>Lecture:</b> Professor <b>Leonids Ribickis</b> , rector of Riga Technical University “Research on Power Electronic Converter Development in the Institute of Industrial Electronics and Electrical Engineering”
10.30 – 11.15	<b>Invited Lecture:</b> Dr. Ing. <b>Francisco Geu Flores</b> , Senior Engineer, University of Duisburg-Essen, Germany, “ <i>Spatial Motion Planning of Multibody Systems</i> ”
11.15 – 11.30	<b>Coffee break</b>
11.30 – 12.15	<b>Lecture:</b> M.sc.ing. <b>Māris Kuņickis</b> , Member of the Management Board and Chief Operating Officer, Latvenergo AS, Latvia, “ <i>Smart Grids: Smart Metering Implementation Roll-In in Latvenergo</i> ”
12.15 – 13.30	<b>Lunch</b>
13.30 – 15.00	<b>PhD student presentation session Part I (7x15min)</b> Zaļeskijs Genadijs, Vītols Kristaps, Adrian Leslie Robert, Tetervenoks Oļegs, Avotiņš Ansis, Kondratjevs Kaspars, Šenfēlds Armands, Andrii Chub
15:00 – 15:45	<b>Lisa Liivik</b> “ <i>Semiconductor Power Loss Reduction and Efficiency Improvement Techniques for the Galvanically Isolated Quasi-Z-Source DC-DC Converters</i> ”
15.45 – 16.00	<b>Coffee break</b>
16.00 – 17.00	<b>PhD student poster session</b> Ašmanis Aivis, Auziņa Elīna, Bogdanovičs Romualds, Gorjainovs Aleksandrs, Kronbergs Andris, Riepiņš Artis, Saltanovs Rodions, Skopis Vladimirs, Staņa Ģirts, Priedītis Mārcis, Tatjana Shults
17.00 – 19.00	<b>Social Activities (sportswear)</b>
19.30	<b>Welcome Reception in RTU Sports Campus “Ronisi” Dinner</b>
May 30, 2015	
Saturday	Chair: Prof. Nadezhda Kunicina
8.00 – 9.00	<b>Breakfast</b>
9.00 – 10.30	<b>Invited Lecture:</b> Dr.sc.ing. <b>Jero Ahola</b> , Professor, Department of Electrical Engineering, Lappeenranta University of Technology, Finland, “ <i>Energy efficiency in electrical motor driven systems</i> ”
10.30 – 10.45	<b>Coffee break</b>
10.45 – 12.30	<b>PhD student presentation session Part II (8x15min)</b> Freimane Jūlija, Sirmelis Uģis, Zeikats Lourenss, Širkins Dmitrijs, Nikolajevs Aleksandrs, Kroičs Kaspars, Hermanis Atis, Vorobjovs Maksims
12.30 – 13.30	<b>Invited Lecture:</b> Dr.sc.ing. <b>Philip Carne Kjær</b> , Chief Specialist, Vestas Technology R&D, Denmark, “ <i>Electrical R&amp;D in wind turbines</i> ”
13.30 – 14.30	<b>Lunch + Coffee</b>
14.30 – 15.00	<b>Awards and Closing Session (with Coffee)</b>
15.00 – 17.00	<b>Free time in Ronisi or on the Beach</b>
17:00 – 17.30	<b>Snacks + Coffee</b>
17:30	<b>Transport to Riga Concert Hall</b>
19:00 – 21:00	<b>Concert of the folk dance ensemble “Vektors” of Riga Technical University</b>
21:30	<b>Transport to RTU Sports Campus “Ronisi”</b>
Sunday May 31, 2015	
	<b>Free time in Ronisi or on the Beach and departure</b>