

VPPC2022 Technical Program – Errata

Preliminary Version (Oct 25, 2022)	Final Version (Oct 31, 2022)
<p><i>Wednesday, 2 November 2022, 10:45-12:25, Room 110</i></p> <p>Session 2 - RT6, Charging Systems and Infrastructures I</p> <p><i>Chairs: Sarah Kurtz (UC Merced, USA) and Samir Jemei (U. Franche-Comte, France)</i></p>	
<p>5 Development of a short circuit simulation tool for railway DC electric traction infrastructure (IP)</p> <p>Alejandro Palma, Electrical Engineering, Universidad de Oviedo, Spain Francisco Torresano, CAF TE, CAF, Spain Pablo Arboleya, Lemur Research Group, University of Oviedo, Spain</p>	<p>5 Development of a short circuit simulation tool for railway DC electric traction infrastructure (V)</p> <p>Alejandro Palma, Electrical Engineering, Universidad de Oviedo, Spain Francisco Torresano, CAF TE, CAF, Spain Pablo Arboleya, Lemur Research Group, University of Oviedo, Spain</p>

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<p><i>Wednesday, 2 November 2022, 4:00-6:00, Room 105</i></p> <p>Session 9 - SS7, Design and Testing Technologies for Next Generation Electric Vehicle Components</p> <p><i>Chairs: Valentin Ivanov (TU Ilmenau, Germany) and Jian-Qiao Sun (UC Merced, USA)</i></p>	
<p>5 Hardware in the Loop testing of an LQR based lateral stability control</p> <p>Federico Alfatti, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Margherita Montani, DIEF, Dipartimento di Ingegneria Industriale, Università degli studi di Firenze, Italy Tommaso Favilli, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Luca Pugi, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Claudio Annicchiarico, -, Meccanica 42 S.r.l., Italy Renzo Capitani, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy</p>	<p>5 Hardware in the Loop testing of an LQR based lateral stability control</p> <p>Federico Alfatti, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Margherita Montani, DIEF, Dipartimento di Ingegneria Industriale, Università degli studi di Firenze, Italy Tommaso Favilli, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Luca Pugi, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy Claudio Annicchiarico, -, Meccanica 42 S.r.l., Italy Renzo Capitani, DIEF, Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze, Italy (withdrawn)</p>

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<p><i>Wednesday, 2 November 2022, 4:00-6:00, Room 205</i></p> <p>Session 11 - SS8, Battery Diagnosis, Modelling, and Energy Management for Electric Vehicles</p> <p><i>Chairs: Yuanyuan Xie (CSU Fresno, USA) and Daniel Hissel (U. Franche-Comte, France)</i></p>	
<p>6 Investigating changes in transport, kinetics and heat generation over NCA/Gr-SiOx battery lifetime (A)</p> <p>Malgorzata Wojtala, Department of Engineering Science, The University of Oxford, United Kingdom Ferran Brosa-Planella, -, WMG University of Warwick, The Faraday Institution, United Kingdom (...)</p>	<p>6 Investigating changes in transport, kinetics and heat generation over NCA/Gr-SiOx battery lifetime (IP)</p> <p>Malgorzata Wojtala, Department of Engineering Science, The University of Oxford, United Kingdom Ferran Brosa-Planella, -, WMG University of Warwick, The Faraday Institution, United Kingdom (...)</p>

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<p><i>Thursday, 3 November 2022, 10:45-12:25, Room 205</i></p> <p>Session 15 - RT5, Modelling, Analysis and Simulation of Electrified Vehicles II</p> <p><i>Chairs: Giambattista Gruosso (POLIMI, Italy) and Valentin Ivanov (TU Ilmenau, Germany)</i></p>	
<p>4 Reinforcement Learning-Based Energy Management System Enhancement Using Digital Twin for Electric Vehicles (A)</p> <p>Yiming Ye, Department of Automotive Engineering, Clemson University, United States Bin Xu, School of Aerospace and Mechanical Engineering, University of Oklahoma, United States Jiangfeng Zhang, Department of Automotive Engineering, Clemson University, United States Benjamin Lawler, Department of Automotive Engineering, Clemson University, United States Beshah Ayalew, Department of Automotive Engineering, Clemson University, United States</p>	<p>4 A Theoretical Study Of Stator Flux Linkage DC Offset Based Stator Fault Detection For PMSM Drive Systems (V)</p> <p>Akanksha Upadhyay, Div. of Industrial Electrical Engineering and Automation, Lund University, Sweden Mats Alaküla, Div. of Industrial Electrical Engineering and Automation, Lund University, Sweden</p>

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<p><i>Thursday, 3 November 2022, 1:45-3:25, Room 225</i></p> <p>Session 20 - RT8, Electric Railway II</p>	
<p><i>Chairs: Pablo Arboleya (U. Oviedo, Spain)</i></p>	<p><i>Chairs: TBD</i></p>

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<p><i>Thursday, 3 November 2022, 4:00-6:00, Room 105</i></p> <p>Session 21 – SS, Renewable Energy for EV Charging Infrastructure</p> <p><i>Chairs: Joao Trovao (U. Sherbrooke, Canada) and Federico Zenith (SINTEF, Norway)</i></p>	
<p>5 A Theoretical Study Of Stator Flux Linkage DC Offset Based Stator Fault Detection For PMSM Drive Systems (A)</p> <p>Akanksha Upadhyay, Div. of Industrial Electrical Engineering and Automation, Lund University, Sweden Mats Alaküla, Div. of Industrial Electrical Engineering and Automation, Lund University, Sweden</p>	<p>5 Reinforcement Learning-Based Energy Management System Enhancement Using Digital Twin for Electric Vehicles (IP)</p> <p>Yiming Ye, Department of Automotive Engineering, Clemson University, United States Bin Xu, School of Aerospace and Mechanical Engineering, University of Oklahoma, United States Jiangfeng Zhang, Department of Automotive Engineering, Clemson University, United States Benjamin Lawler, Department of Automotive Engineering, Clemson University, United States Beshah Ayalew, Department of Automotive Engineering, Clemson University, United States</p>