Programma 2018

9.00 – 9.25	Ontvangst			
9:30 – 10:00	**Techniek en toepassingen van gepulste hoogspanning** *Guus Pemen, TU/e*			
10:00 – 10:30	**Plenaire spreker**			
10:30 – 10:55	Pauze			
11:00 – 11:25	**Supercapacitors in Peak Power Energy Storage Systems** *Christopher Likely, Eaton on behalf of KWx*	**Benefits of SiC for Industrial Auxiliary Power Supply** *Christian Felgemacher, ROHM on behalf of Rutronik*	**Thermal management for batteries in E-mobility applications** *Alessandro Bizzarri, Priatherm on*	**DC distribution in Future Smart Homes: Opportunities and Challenges** *Soumya Bandyopadhyay, TU Delft*

			behalf of Batenburg Mechatronica	
11:30 ï 11:55	**De impact van vermogenselektronica op de uitvalkans, levensduur en het energieverbruik van apparatuur** *Arjan Pit, Fortop*	**CCS Snelladen van elektrische voertuigen met 0,5MW** *Jan Nieuwhart, Phoenix Contact*	**Batterij emulatie** *René Bos, TT&MS*	**Het verhaal van het Solar Team Eindhoven** *TU/e Solar Team*
12:00 ï 12:25	**Optimal performance for high power applications** *Malte Heuermann, Block Transformatoren-Elektronik GmbH on behalf of Elincom electronics*	**Power modules for E-vehicles ï available solutions and future challenges** *Marcus Lippert, Starpower on behalf of Ecomal*	**Faster time to market for your power conversion designs** *Andreas Vinci, Tektronix on behalf of C.N. Rood*	**Evaluating the impact of temperature on Solar Home Systems for rural electrification** *Nishant Narayan, TU Delft*
12:30 ï 13:25	Lunchpauze			
13:30 ï 13:55	**Why Make Dynamic Measurements in Motor Applications** *Tony Minchell, Teledyne LeCroy on behalf of AR Benelux*	**DC-Link Technology Comparison: Aluminium Electrolytic vs. Film Capacitors** *Norbert Eumes, Jianghai on behalf of Heynen BV*	**Are you able to prove the power efficiency of your application?** *Yokogawa, Michael Rietvelt*	**Bidirectionele DC DC Serie Resonante omzetter** *Remco Bonten, TU/e*
14:00 ï 14:25	**Choosing the Right PSU for Your Application Needs** *Eddie Gallacher, Artesyn namens*	**Lineaire versterkers met 80% efficiency; een innovatieve gepatenteerde methode om**	**Simuleren of experimenteren** *Wim Platschorre, Strukton Rail*	**Paralleling of Gallium Nitride transistors for 48V high current automotive applications**

	Arrow	**minder warmte te dissiperen** *Eric Boere, Apex Microtechnology namens TOP-electronics*		*Nikola Boskovic, TU/e*
14:30 – 14:55	Pauze			
15:00 – 15:25	**A smart watch on life cycle costs of power supplies for Industry 4.0** *Ulrich Ermel, PULS GmbH on behalf of Elipse*	**Geïntegreerde DC/DC-converters, in 4 á 5 design stappen maak je power-design met een zeer hoog rendement** *Alex Snijder, Wurth Elektronik*	**7th Generation IGBT Modules** *Olivier De La Patelliere, Mitsubishi Power on behalf of Glyn*	**Zacht-schakelende multi-level versterker voor hoogspanning** *Sjef Settels, TU/e*
15:30 – 15:55	**Over Voltage Category III Power Supplies** *Giacomo Mazzullo, Meanwell Europe on behalf of Telerex*	**Remaining useful life prediction of IGBTs in MRI gradient amplifiers** *Martijn Patelski, Prodrive Technologies*	**Help, het wordt heet!** *Peter van Duijsen, Simulation Research Caspoc*	**Partially Rated Power Flow Control Converters for Meshed LVDC Grids** *Pavel Purgát, TU Delft*
16:00 – 16:30	**Hoe Nederland voorop loopt in Elektrisch busvervoer** *Koen van Haperen, Heliox*			
16:30	Netwerkborrel			