

SUNDAY, MARCH 13TH

EnergyBus Protocol EnergyBus release day for the first EnergyBus Protocol and the first EnergyBus Connector set

09:00	<p>Mo-Hua Yang <i>President EnergyBus</i> Holger Zeltwanger <i>CAN in Automation</i> Christian Eckart <i>Rosenberger</i></p> <p>Coffee break</p> <p>Jakob Wachtel <i>Fraunhofer ISE Freiburg</i> <i>ITRI Institute</i> ♦</p> <p>Lunch break</p> <p>Diana Mitsching & Alrik Wolf <i>Atelier Papenfuss</i> Jörg Kache <i>Panasonic Industries Europe</i></p> <p>Gerry Schneider <i>electragil</i></p> <p>Coffee break</p> <p><i>sunload</i> ♦</p> <p>Dr. Mo-Hua Yang <i>HiTech Energy</i></p> <p>Hannes Neupert <i>EnergyBus.org</i> Panel Session moderated by <i>Hannes Neupert</i></p>	<p>Welcome</p> <p>Introduction to the released EnergyBus protocol</p> <p>Presentation of the first released versions of the EnergyBus connector family</p> <p>EnergyBus for stationary applications in off grid houses</p> <p>Standardization for e-scooter charging and battery swapping infrastructure in Taiwan</p> <p>EnergyBus connector for public infrastructure</p> <p>First EnergyBus charger available on the world market, features & functions</p> <p>The first pedelec which uses EnergyBus for all electrical components</p> <p>Solar charging made easy by EnergyBus</p> <p>Battery systems with EnergyBus compatibility – impact on design to production speed</p> <p>Outlook to the EnergyBus organization structure & workgroups</p> <p>On the future of EnergyBus implementation & expected market impact</p>
18:00		

MONDAY, MARCH 14TH

Session 1 Market

09:00	<p>Hannes Neupert <i>President ExtraEnergy.org</i> Larry Pizzi <i>Currie Technology</i> Sun Li <i>North China Univeristy of Technology</i> ♦ Coffee break Han Goes <i>Q Square Consultants</i></p>	<p>Welcome and brief overview about the global LEV trends</p> <p>Getting more people on bikes in the USA</p> <p>Current and future Chinese market developments</p> <p>Paradigm change on the LEV industry – why the pedelec is the trojan horse for the bicycle industry</p> <p>LEV technic extreme – 2000 km through the Sahara</p>
12:00	<p>Susanne Brüsche <i>SB Com</i></p>	

Session 2 EnergyStorage

12:00	<p>Lunch break</p> <p>Matsushima Hiroaki <i>Panasonic</i> Lee <i>Samsung</i> ♦ <i>Sony</i> ♦</p> <p><i>Phylion</i></p> <p>Coffee break</p> <p><i>Maxwell</i> ♦</p> <p>Ralf Knapp <i>rüv Rheinland</i></p> <p>Johannes Brodführer <i>ExtraEnergy</i> Peter Gutzeit <i>IB-Rec GmbH</i></p>	<p>12 Ah battery – biggest capacity for e-bikes or charger</p> <p>Lithium ion battery pack for e-bikes</p> <p>Product roadmap of Sony, the inventor of the rechargeable lithium battery and the first power lithium battery – what is next?</p> <p>Prismatic cells for LEV application experience and future product range</p> <p>Ultracapacitors and their potential roles in the LEV application</p> <p>BATSO tests and verification services – experience and roadmap for highest battery safety and easy transportation</p> <p>Battery Business Models</p> <p>Lithium battery collecting and recycling of dangerous goods in Germany and Europe</p> <p>What are the formats and key features for the perfect LEV battery; all session speakers energy storage</p>
18:30	<p>Panel Session moderated by <i>Mo-Hua Yang</i></p>	

TUESDAY, MARCH 15TH

Session 1 Conditions

09:00 Robert Stüssi *AVERA*

Marco Brust *Velotech.de*
Coffee break

Annick Roetnyk *ETRA* ♦
David Guzik *Treck Bicycles &*
Andreas Törpsch *ExtraEnergy*

13:15 Lunch break

Report on the activities of the international energy agencies and its political support to implement LEVs on a global scale
CE, EMV, GS machinery directive

European legislation and potential changes
Performance standards for LEV's – Experience by ExtraEnergy and target of the joint working group with LEVA

Session 2 Drive Trains

13:15 Kaz Suzuki *Panasonic Cycle Technology*
Pascal Larose *BionX Canada*
Ludger Sommer *Ortlinghaus*
Coffee break

ASI ♦
Joe Bowman *Ultramotor* ♦
Polaris

18:45 Panel Session moderated by *Hannes Neupert* ♦

Drive unit technology offered by PCT to OEM makers
Overview about the BionX product line and options for OEM makers
Drive unit components and set offered by Ortlinghaus

Drive unit offerings of ASI
Customized propulsion systems
Direct drive motor systems for LEV applications
Drive train trends and options for the future

♦ awaiting confirmation