

TROLLEY Summer University for young European professionals on electric bus systems



**23 October to 26 October 2012
Leipzig, Germany**

Description:

The TROLLEY Summer University offers the unique possibility of discussing research and project results in an international environment in the field of electric bus systems during four days without interruption. Young researchers and professionals will present their research results and TROLLEY's projects results in an informal atmosphere, which includes discussion rounds after each thematic session. The participants will receive input for their own work and learn how projects are set-up and created by the principal investigators invited as speakers. The TROLLEY Summer University starts with the 3rd International Trolleybus Conference and the TROLLEY Transferability Conference in Leipzig.

The school is open for young researchers, PhD and Master Students as well as young professionals from transport departments of city authorities or public transport operators across Europe. The number of students is limited to 60 due to space problems. Furthermore, the presentation sessions will be prepared partly as educational videos (see programme details) and offered online via the TROLLEY eLearning and eTraining platform incl. options for further discussions with the presenters and experts.

Programme

Tuesday, 23 October to Wednesday, 24 October 2012

3rd International Trolleybus Conference "New horizons for urban traffic – innovative electric city bus systems pave the way for a post-fossil-fuel-dependent society" & **TROLLEY Transferability Conference** "Innovations by TROLLEY"

(see separated agenda on <http://trolleyemotion.ch/index.php?id=80&L=0>)

Thursday, 25 October 2012

09.00	Welcome & Introduction
	Ronald Juhrs, Leipzig Transport Company, Germany (TROLLEY host institution)
09.15	Agenda & organisational issues
	Wolfgang Backhaus, Rupprecht Consult GmbH, Germany
09.30	Sustainable Mobility
	Dr. István Tibor Tóth, University of Szeged, Szeged Transport Ltd., Hungary
10.15	<i>Discussion about presentation</i>

10.30	Coffee break
	Thematic session: Optimised Energy Use and Storage Systems (This session will be prepared as educational video for the TROLLEY eLearning and eTraining platform)
	Moderator: Prof. Arnd Stephan , TU Dresden, Germany
11.00	Energy savings potential of energy storage systems in public transport networks
	Sven Klausner , Fraunhofer IVI, Germany
11.45	On-board storage system – compared evaluations on supercaps
	Daniele Balestrazzi , student of Technische Universität München (TUM), Germany
12.15	<i>Discussion about presentations</i>
12.30	Lunch break
13.30	Method for the energy demand determination for overhead wire free networks
	Dr. Martin Lehnert , TU Dresden, Germany
14.15	Auxiliary management for efficiency improvement of electrical vehicles
	Sascha Giebel , TU Dresden, Germany
14.45	<i>Discussion about presentations</i>
15.00	Coffee break
	Thematic session: Diesel bus to Trolleybus conversion (This session will be prepared as educational video for the TROLLEY eLearning and eTraining platform)
	Moderator: Prof. Włodzimierz Rydzkowski , University of Gdansk, PKT Gdynia, Poland
15.30	Technical principles of diesel bus to trolleybus conversion
	Mikołaj Bartłomiejczyk , PKT Gdynia, Poland
16.15	Economic analysis of diesel bus to trolleybus conversion
	Prof. Olgierd Wyszomirski , University of Gdansk, Poland
16.45	Perception of converted trolleybuses and promotion strategy for trolleybuses in Gdynia
	Dr. Marcin Wolek , University of Gdansk, Poland
17.15	<i>Discussion about presentations</i>
17.30	Transfer to hotel
19.00	Get together & networking event
	Venue tba

Friday, 26 October 2012

	Thematic session: Planning of electric bus infrastructure
	Moderator: Andreas Randacher , Salzburg AG, Austria
09.00	Trolleybus Infrastructure - Challenge to electrical planning -
	Andreas Randacher , Salzburg AG, Austria
09.45	Innovative Services for the Infrastructure of Electric Bus Networks
	Frederic Deutzer , Deutzer Technische Kohle – Messtechnik, Zeuthen, Germany
10.15	<i>Discussion about presentations</i>
10.30	Coffee break
	Thematic session: Ebus (battery bus) introduction
	Moderator: Wolfgang Schütze , Leipzig Transport Company, Germany
11.00	Electrification of bus lines with e buses and fast charging stations – or in case of no overhead wires –
	Werner Rohlf s, RWTH Aachen University, Germany
11.30	On-board energy metering for D. C. fed electrical vehicles
	Frank Hartung , TU Dresden, Germany
12.00	Energy consumption of electrical driven regular buses dependent on route characteristics and operational requirements
	Daniel Auer , master student, University of Applied Sciences Landshut, Germany
12.30	<i>Discussion about presentations</i>
12.45	<i>Feedback and closure</i>
	Wolfgang Backhaus , Rupprecht Consult GmbH, Germany
13.00	Lunch break

Registration and hotel reservation:

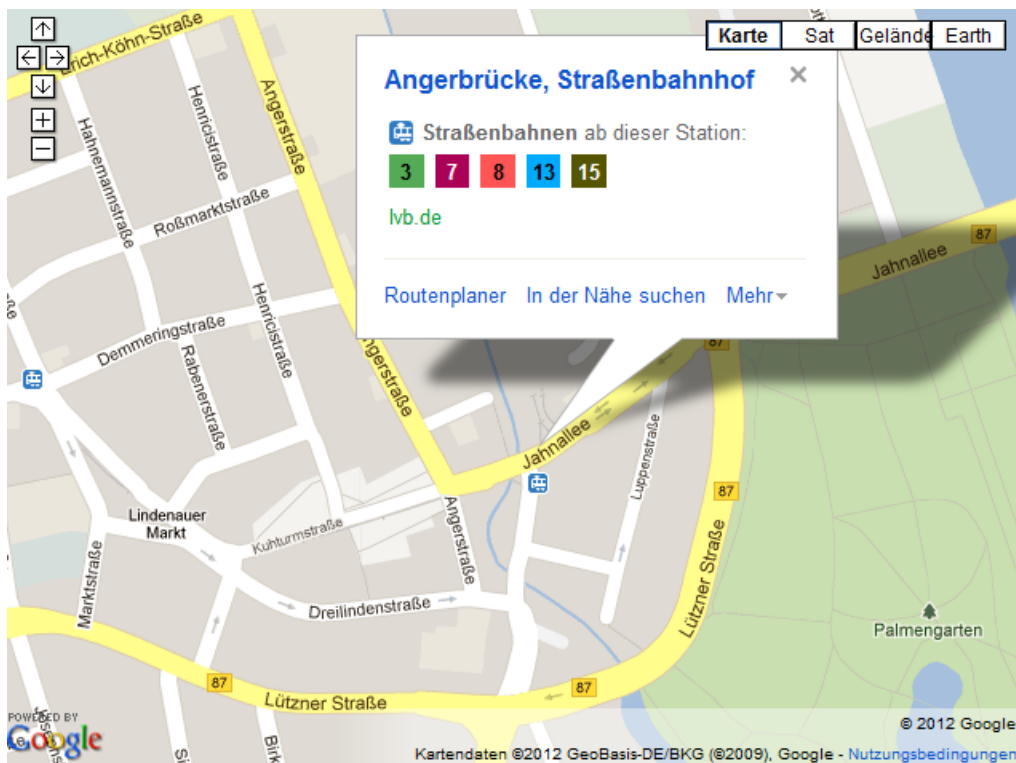
Participation is free of charge and participants can apply for travel grants, but you will have to make your own arrangements for accommodation. For the 3rd International Trolleybus Conference we offer a reduced conference fee for Summer University participants (300,-€).

Please register here: German: <https://www.lm-order.de/osc/go?shop=vq020109>
 English: <https://www.lm-order.de/osc/go?shop=vq020109qb>

Venue and travel information

Venue: Leipziger Verkehrsbetriebe GmbH, Straßenbahnhof Angerbrücke, Jahnallee 56, 04177 Leipzig

How to get there: Take the tram line 3, 7, 8, 13 or 15, exit at the stop "Straßenbahnhof Angerbrücke"



We are looking forward to welcome you in Leipzig!

The TROLLEY Summer University for young European professionals on electric bus systems "ebus – the smart way" is supported by the TROLLEY partners



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