ARCHI

Symposium Applied Research on Charging Infrastructure

WiFi-access: Login-code: ARCHI 2018 Password: tudelft2018
09:30 Welcome with coffee

10:00 **Lector Robert van den Hoed, Amsterdam University of Applied Sciences** – chair; Introduction/welcome

**Lector Franck Rieck (chair DutchINCERT) and Roland Ferwerda (chair NKL); Introductory note**

10:15 **Professor Joeri van Mierlo, VUB Brussel;** Status and trends in electric mobility.

10:40 **Crijn Bouman, ABB;** Providing fast charging infrastructure to a growing Electric Vehicle Fleet.

11:05 **Roel Smelt, MisterGreen;** The changing landscape of electric driving: perspective from a EV-leasing company.

11:30 **Professor Rik W. De Doncker, RWTH Aachen;** Electric Vehicle Fast Charging Ready!

11:55 Lunch & Guided Tour High Voltage Lab

13:15 **Professor Pavol Bauer, Delft University of Technology;** Prospects for future charging technology.
13:40  Parallel sessions 1A - Technological developments (lecture hall Da@ta)
Session chair: Pavol Bauer (TU Delft)

1. Roos van der Ploeg, EV Consult; Exploration of alternative, future-resistant charging solutions.
2. Robert Steeg, HAN University of Applied Sciences; New energy vehicle station
3. Novy Franics & Gautham Ram, Delft University of Technology; E-Hub: Solar Powered Electric Vehicle Charging Station

Parallel sessions 1B - Smart Charging (lecture hall Pi)
Session chair: Roland Ferwerda (NKL)

1. Frank Geerts, Alliander/Elaad; FlexPower project in Amsterdam: How is smart charging organized in practice?
3. Gautham Ram, Delft University of Technology; Solar powered bidirectional EV charger with V2G
15:00 Break

15:15 Parallel sessions 2A - Simulating electric mobility (lecture hall Da@ta)
Session chair: Mike Lees (University of Amsterdam)

1. Auke Hoekstra, TU/e; SparkCity model: simulating demand for electric vehicles
2. Ruben Driessen & Frank Mak, Allego; Supporting activities towards market expansion, an analytics-driven approach
3. Jurjen Helmus, Amsterdam University of Applied Sciences; The SEVA Model: Predicting Future Electric Vehicle Charging Behavior (and effect of increasing battery sizes)

Parallel sessions 2B Consumer: charging behavior (lecture hall Pi)
Session chair: Pauline van der Vorm (Dutch-INCERT)

1. Rick Wolbertus, Amsterdam University of Applied Sciences; How do we charge and why? An overview of 2 years of data-driven research
2. Michel Bayings, e-mobility consulting; The cost of charging – Simplicity vs diversity
3. Gertjan Geurts, Social Charging; (how to) optimize efficient usage of public and private charge points

16:45 Yvonne Boerakker, TKI Urban Energy (RVO); Overview of subsidy projects and subsidy opportunities (plenary)

17:00 Final remarks and roundoff

17:10 Drinks
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WORLDWIDE: ANNUAL EV-RELATED PUBLICATIONS HAVE GROWN A FACTOR 5 (2008-2016)
DOMINANCE OF CHINESE AUTHORS.
EXCEPTION: PROF VAN MIERLO (VU BRUSSEL)
SUBJECT AREAS RANGE LARGELY FOCUSED ON (1) ENGINEERING, (2) ENERGY AND (3) COMPUTATIONAL SCIENCE
NETHERLANDS: SIMILAR TENDENCY IN GROWTH OF EV RELATED PUBLICATIONS (88 YEARLY IN 2016)

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TU DELFT AND TU EINDHOVEN
RESPONSIBLE FOR 65% OF ALL DUTCH EV-RELATED PUBLICATIONS
EUROPE: COUNTRIES WITH AUTOMOTIVE INDUSTRIES DOMINATE. NO NORWAY
AFFILIATIONS: TOP INSTITUTES IN GERMANY

Graph showing the number of documents by affiliation:
- Rheinisch-Westfälische Technische Hochschule Aachen
- Technische Universität München
- Karlsruhe Institute of Technology
- Deutsches Zentrum für Luft- und Raumfahrt
- Technische Universität Berlin
- Technische Universität Braunschweig
- Ruhr-Universität Bochum
- Universität Stuttgart
- Universität der Bundeswehr München
- Siemens AG

Documents range from 0 to 275.
Documents by affiliation

Compare the document counts for up to 15 affiliations

- Imperial College London
- Newcastle University, United Kingdom
- University of Sheffield
- The University of Warwick
- Cranfield University
- University of Manchester
- Cardiff University
- University of Oxford
- University of Strathclyde
- Queen's University Belfast

Documents
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