



Press Release 11/2018

Ulm, September 24, 2018

Annual E-vehicle Production to Rise to 20+ Million in a Few Years

Latest research to feature prominently at the Ulm ElectroChemical Talks on November 13 to 14, 2018

The global market for electric mobility is growing fast with 2018's count expected to come to some two million newly manufactured vehicles. Annual growth rates of 60 percent and automakers' forecasts suggest that around 20 million electric cars will be produced annually by 2025. All these vehicles need batteries and fuel cells. The most pressing questions about manufacturing, recycling, source materials, life cycle assessment, and the development of new materials will figure prominently at the 16th installment of the Ulm ElectroChemical Talks (UECT) on November 13 and 14. The conference's organizer, the Centre for Solar Energy and Hydrogen Research Baden-Württemberg (ZSW), expects more than 300 research and industry representatives from at home and abroad to attend this year's event.

The automotive industry is poised for its perhaps most transformative era since Henry Ford invented the assembly line. The electric drive is taking the sector by storm. New key technologies such as lithium-ion batteries and high-performance fuel cells are also making inroads. Efforts are underway to integrate this tech into automaking along the entire value chain. Companies are scrambling to develop the skills and invest vast sums needed to meet spiking demand.

This raises many questions: What technologies will dominate the generations of products to come? Can new manufacturing technologies drive down costs? Where are the necessary raw materials going to come from and what energy footprints will these products have over their entire lifecycle? Will fuel cells help make e-mobility even more appealing?

Talking points for the world's top experts

More than 30 speakers from the industry and the world of science will answer these and other questions. Hailing from Germany, Switzerland, France, Sweden, Canada, USA, China, South Korea, and Japan, they will present their latest findings at the UECT. This has become something of a tradition: Every two years, the top global experts convene at the UECT to discuss tech trends.

"Batteries and fuel cells are the technologies for tomorrow's mobility," says Prof. Werner Tillmetz, conference chairman and a member of ZSW's board of directors. "The 16th Ulm ElectroChemical Talks will

Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW)

Location: Helmholtzstr. 8,
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once again provide a place for spirited discussions with experts across the spectrum of research and development – from the material to product manufacturing to recycling.”

Learn more about the event at: <https://uect.de/home-2018>

----- Info box UECT -----

16th Ulm ElectroChemical Talks (UECT)

Topic: Batteries and Fuel Cells - From Raw Material to Recycling

Time: November 13–14, 2018

Place: Ulm, Congress Centrum Ulm (CCU)

Program: <https://uect.de/home-2018>

Target audience: Industry, research institutes and government representatives

Organizer: Centre for Solar Energy and Hydrogen Research Baden-Württemberg (ZSW)

Registration: <https://uect.de/registration-2018>

----- Info box UECT -----

The Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (Centre for Solar Energy and Hydrogen Research Baden-Württemberg, ZSW) is one of the leading institutes for applied research in the areas of photovoltaics, renewable fuels, battery technology, fuel cells and energy system analysis. There are currently around 250 scientists, engineers and technicians employed at ZSW's three locations in Stuttgart, Ulm and Widderstall. In addition, there are 90 research and student assistants.

The ZSW is a member of the Innovationsallianz Baden-Württemberg (innBW), a group of 13 non-university, applied research institutes.

Media contacts

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