

Press release

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Charles Delacourt wins electrochemical engineering accolade

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The winner of the 2011 Carl Wagner Medal of Excellence in Electrochemical Engineering has been confirmed as **Dr. Charles Delacourt**.

Delacourt, a research associate at the French National Center For Scientific Research (CNRS), is a material chemist who specialises in electrochemical energy storage systems, such as lithium ion batteries and fuel cells.

Noting the very high quality of several of the candidates, the EFCE judges were impressed with the quality of Delacourt's research and his impressive CV – he previously was a post-doctoral researcher with John Newman at Berkeley University and in the Lawrence Berkeley National Laboratory in the US, working on the electrochemical reduction of carbon dioxide using processes developed for proton-exchanged membrane fuel cells.

Delacourt now leads his own research group at the Laboratoire de Réactivité et de Chimie des Solides in Amiens, where he focuses on the mathematical modeling of rechargeable Li-ion batteries, particularly the aging phenomena that limit their lifetime.

Delacourt received his award and a €1500 cash prize at the 9th European Symposium on Electrochemical Engineering in Chania, Crete, in June, during which he also presented his research work on Li-ion battery modeling.