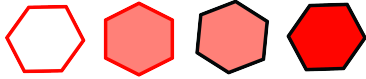


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ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

NCCR MARVEL Distinguished Lecture

The Future of Electrochemistry

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Monday 11th September 2017, 16:15, Room MXF-1

Abstract: Electrochemistry is used widely today, spanning from production of hydrogen and metals such as aluminum and Li-ion batteries. We will discuss current and future opportunities in using electrochemistry to power cars and buildings, and to make chemicals and fuels with energy from the Sun. Design principles in controlling the interactions between surfaces and electrolytes, and ion conduction in the electrolyte, central to the functions of electrochemical devices, will be presented.