



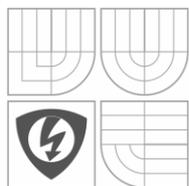
17th
ABAF

BRNO 2016
Advanced Batteries, Accumulators
and Fuel Cells

LITHIUM BATTERIES SUMMER SCHOOL **BRNO** University of Technology

1st September 2016





The Faculty of Electrical Engineering in cooperation with the Centre for Research and Utilization of Renewable Energy would like to invite you to a

Lithium Batteries Summer School

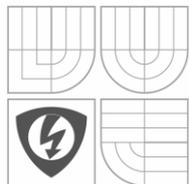
This one-day course is associated with the 17th Advanced Batteries, Accumulators and Fuel Cells conference and will cover theoretical, but even more so, hands-on aspect of the lithium cell construction and characterization.

When: 1st September 2016 - a day after the ABAF conference

Where: Brno University of Technology, FEEC Department of Electric and Electronic Technology, Technická 10, Brno, Czech Republic

Program:

Time	Program
8:30	Registration
9:00 - 9:10	Workshop INTRO
9:10 - 9:40	Lithium batteries - overview lecture
9:45 - 10:15	DC Techniques in Battery Research
10:15 - 10:30	Coffee Break
10:30 - 11:00	AC Techniques in Battery Research
11:00 - 11:20	EQCM in Battery Research
11:20 - 12:20	LAB
12:20 - 13:00	Lunch
13:00 - 17:00	LAB



Workstations:

Workstation	Intro
SETUP your Li-Cell	How to setup your Li-cell: INTRO Work in a glove box, Assembling experimental Li-cell
DC Techniques	Charging/Discharging of batteries, CV and DATA analysis
AC Techniques	Electrochemical Impedance Spectroscopy, Data analysis
EQCM	CV, Mass Calculation, Li-ion intercalation, Data analysis
In-situ XRD	Structure changes in electrode materials during cycling

WORKSHOP REGULAR PRICE: 250,-EUR

Workshop include: Printed materials, Coffee Breaks and Lunch

Contact info:

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