

# fluidyn-BFC

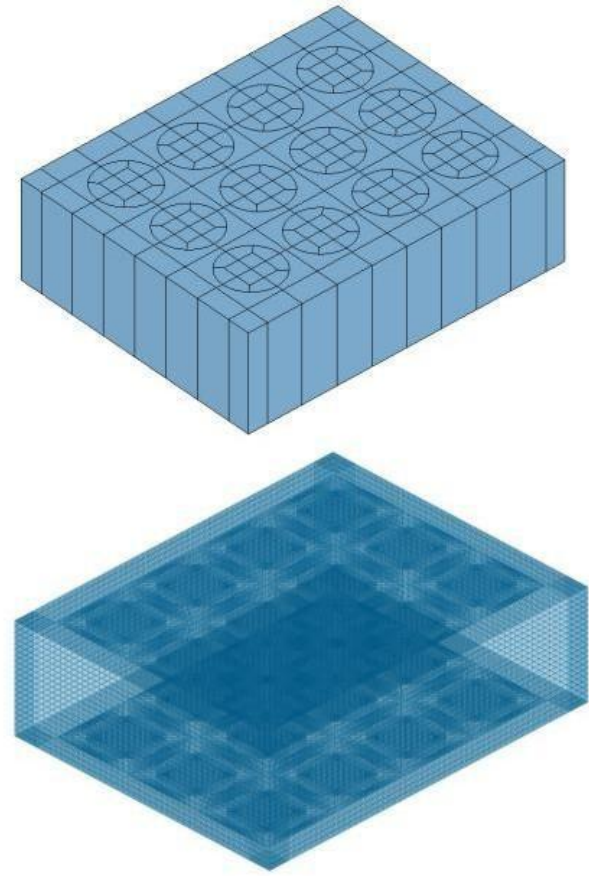
## BATTERIES and FUEL CELLS

### OUR EXPERTISE

Assistance in the design and optimization of cell and assembly performance.

Real-time predictive diagnosis (BTMS/FCTMS)

Failure analysis and accident scenarios..

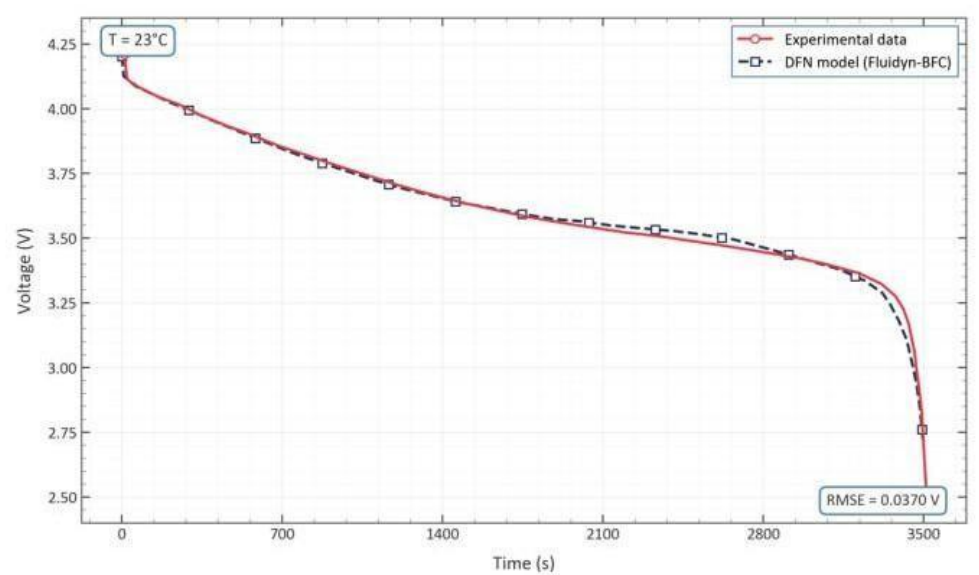
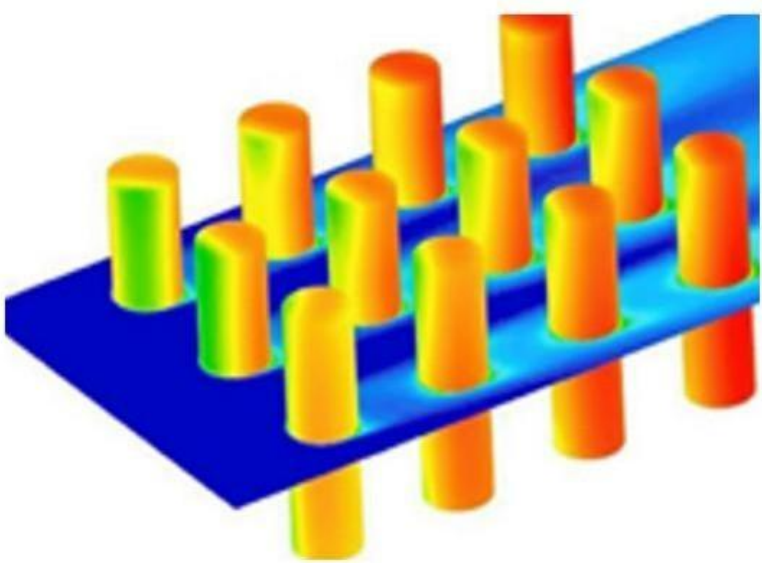
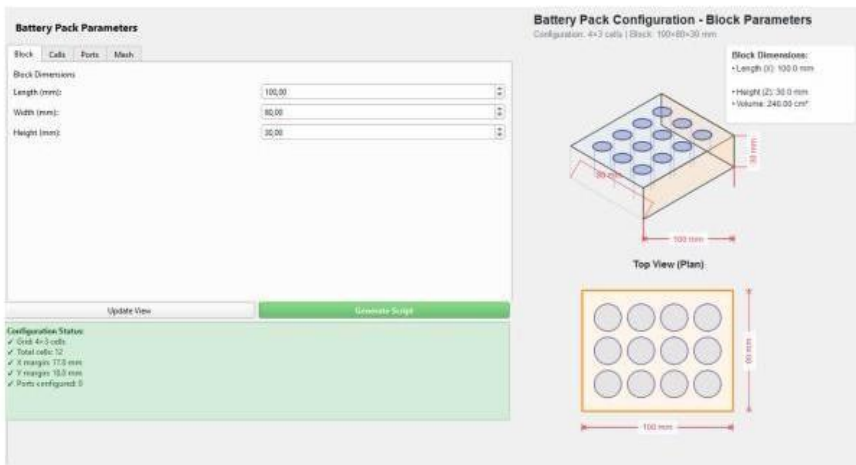


### INTUITIVE CONFIGURATION, AUTOMATED SIMULATION

Simplified interface and input.

Automated geometries, meshes and simulations

Post-processed results ready for use.



### PHENOMENOLOGIES

Electrochemical processes

Multiphasic effects

Thermofluidic exchanges

Thermal runaway

Fluid-structure interaction

Mechanisms specific to each technology (PEMFC, LFP Batteries, NMC...)

