

Disruptive pemfc stack with nOvel materials, Processes, archItecture and optimized INterfaces

## ABOUT DOLPHIN

The overall aim of the project is to validate **disruptive technologies** for next-generation **automotive fuel cell stack** designs, reaching outstanding power density while being compatible with large scale/mass production. For this purpose, **innovative approaches** in the areas of **cell and stack design, manufacturing technology**, process integration, interface quality, material efficiency and **components** are combined.

<https://www.dolphin-fc.eu/>

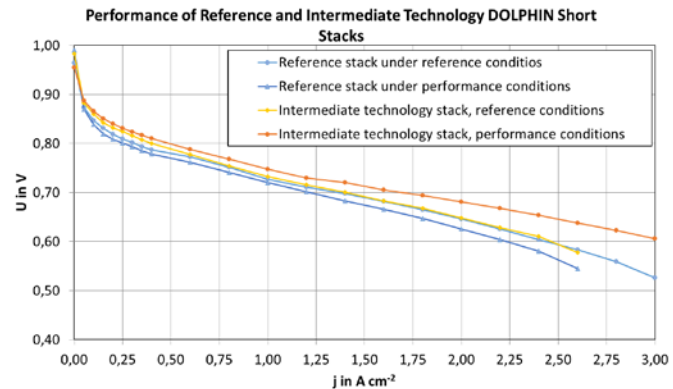
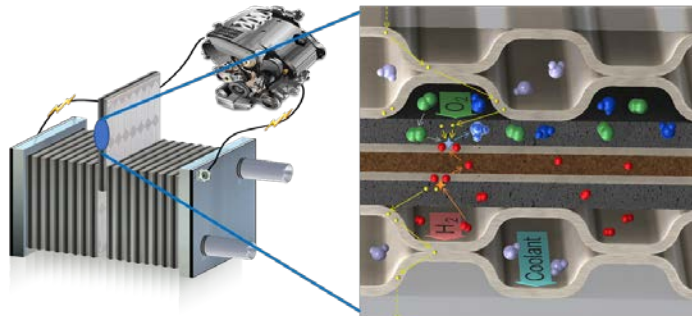
### Announcement of the DOLPHIN 2<sup>nd</sup> Public Workshop

Focused on cell and production technologies

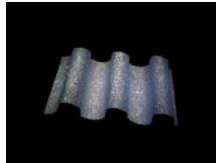
June 16<sup>th</sup>, 2023,

08:30-15:00 (CEST)

ZSW, Ulm (Germany) in conjunction with the 18<sup>th</sup> [UECT](#) (June 14<sup>th</sup>-15<sup>th</sup>)



Progress in stack performance



Flow-fields by printing or additive manufacturing

## AGENDA (PRELIMINARY):

Duration 08:30 – 15:00, including lunch and laboratory tour.

1. Overview of DOLPHIN – objectives, methods, progress on design and modelling
2. Global technological progress for the different development paths
3. Technological highlights - components, production technology, performance results
4. Discussion

Components demonstrating the different manufacturing technologies employed within DOLPHIN will be on display. A presentation of the HyFaB concept and a laboratory tour will be offered in addition.

## ACKNOWLEDGEMENT

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## % ORGANIZERS AND CONTACTS

### SCIENTIFIC

Joël Pauchet (coordinator)

Florian Wilhelm

### ADMINISTRATIVE

Katharina Winkler

### ANY QUESTIONS?

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## REGISTRATION

<https://uct.de>

(Independent from registration for the UECT, please navigate to Registration → DOLPHIN Workshop)

## Consortium

