DOLPHIN

Disruptive pemfc stack with n**O**vel materia**L**s, **P**rocesses, arc**H**itecture and optimized **IN**terfaces

Invitation to the

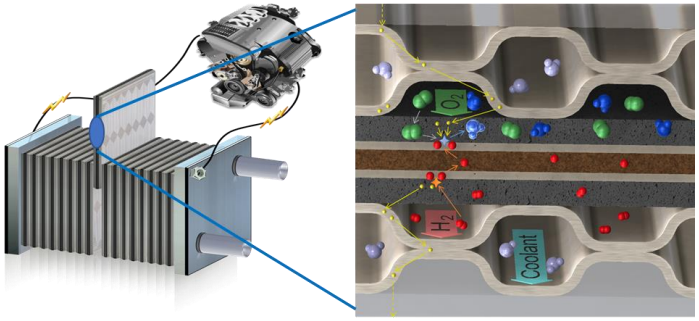
DOLPHIN 1st Public Workshop

Focused on cell and production technologies

June 18th, 2021

08:30-12:30 (CEST)

Online, free of charge



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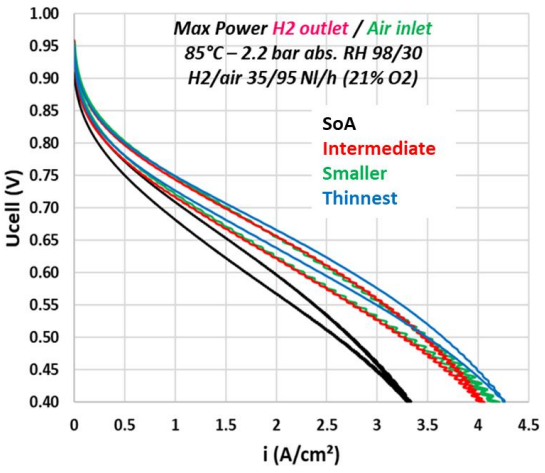
ABOUT

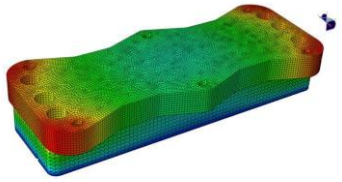
The overall aim of the project is to validate **disruptive technologies** for next-generation **automotive fuel cell stack** designs, reaching outstanding power density while being compatible with large scale/mass production. For this purpose, **innovative approaches** in the areas of **cell and stack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

Duration of the project: 01/01/2019-31/12/2022



Increase of performance by reducing rib/channel pitch

Flow-fields by printing or additive manufacturing



Light Composite Terminal Plate

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AGENDA

08:00: Connection, welcome, recommendations

08:30: Overview of DOLPHIN:
objectives, structure, short introduction of partners

09:30: Progress on design and modelling

10:00: Global technological progress for the different development paths

10h15: Break

10h30: Technological highlights: components, production technology, performance results

11h30: Discussion with the audience, perspectives, conclusion

12h30: end of the workshop

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