

# Newsletter

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No. 17 / November 2020

Dear Reader

We are pleased to present the latest SCCER Mobility news to you. This issue communicates major advances and events of our research platform. Enjoy reading!

## News & Highlights

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### Annual Conference goes virtual!

As SCCER Mobility slowly draws to an end, we invite you to this conference on 23 November (Zoom) to present a synthesis of the competence center and review the most relevant research results. There will be a keynote presentation, breakout sessions per Capacity Area, a panel discussion and the Best Poster Award. Pre-recorded talks of each Capacity Area, posters and poster pitches are available online for viewing.

[Read more](#)



### ETH Mobility Initiative gaining momentum

The mobility initiative launched in 2018 is gaining momentum. Konstantinos Boulouchos, the driving force behind the project, explains how far things have come since then and in which direction the initiative is set to develop.

[Read more](#)



## Alternative powertrains on the test bench

Energy consumption of passenger cars usually lies well above manufacturer indications. This also holds true for electric and other alternative powertrains as was shown by a study from ETH Zurich and Empa. These results will help design realistic scenarios for consumption and emissions.

[Read more](#)



## EU Hydrogen Strategy

Hydrogen is an important alternative for sectors that are stuck in the fossil fuel economy. As national governments and European parliamentarians negotiate the EU's hydrogen strategy, EASAC issues a new commentary. "Hydrogen can help reduce our dependency on fossil fuels," says William Gillett, EASAC's Energy Programme Director.

[Read more](#)



## SCCER interview with Mireia Roca Riu

Mireia Roca Riu joined the team of the Learning Lab - Future Transport Systems at SCCER Mobility in November 2019. In her work as a postdoctoral researcher, she coordinates the projects of the Digitalization Action Plan. One of the reasons Mireia Roca Riu finds working in energy research exciting is because "it is not only about being very good at your specialty, but also understanding other methods and finding a common way to understand each other and work together."

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[More news highlights](#)

## MAS | CAS ETH "Future Transport Systems" News

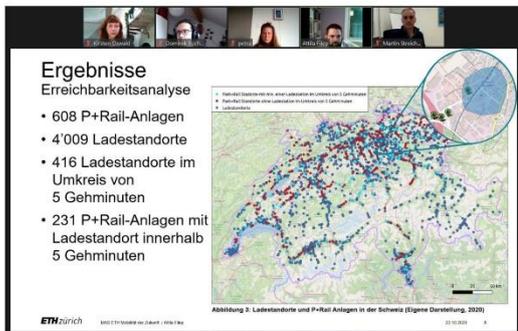
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### There is still time to apply!

Apply today to start in the spring semester 2021! The application window for the MAS Future Transport Systems is open now until 30 November 2020. "The design of sustainable mobility that also meets the needs of society poses major challenges. Systems thinking and the targeted use of new technologies are indispensable. The MAS ETH in Future Transport Systems provides the theoretical and practical knowledge necessary for well-founded discussion and to successfully tackle the implementation of new forms of mobility", says Rita Nenniger, Head of Innovation at PostBus and Alumni of the program.

[Read more](#)



## Congratulations to Attila Filep!

On 22 October Attila Filep defended his MAS thesis successfully. Congratulations! Due to the circumstances, the presentation took place remotely. In his thesis, Attila Filep developed a concept to profitably operate charging stations for electric cars on the SBB Park+Rail infrastructure.

## Events



### Webinar series - fall semester 2020

The SCCER Mobility webinar series goes into its last round this fall semester. Video recordings of the talks are available for viewing on the ETH Video Portal. **If you are interested in presenting your research at the last webinar on 3 December, please contact the management office.**

[Read more](#)

[More events](#)

## Quiz

How many kilometers did the vehicles of a field test performed by researchers at ETH Zurich and Empa cover? The first 10 people to send the correct answer to [Pascal Sonder](#) will enter the final drawing and have a chance to win (e-mail subject: QUIZ).

Solution of the previous quiz: The key performance indicators emission reduction, scalability, cost reduction, and industrial/social implementation were applied to evaluate SCCER Mobility research activities in a recently published report. The winner was Christian Vögtli, scientist at Bern University of Applied Sciences. Congratulations!

This information is provided by the SCCER Mobility Management Office. Our newsletter is issued 4 times per year. If you have information that you would like to share, please contact [Kirsten Oswald](#).

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