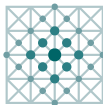




**Dr. rer. mat. Night**

Tuan Vo

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Applied and  
Computational  
Mathematics

**RWTH**AACHEN  
UNIVERSITY

Aachen, 18 January 2023

# What's next for batteries

January 4, 2023

Expect new battery chemistries for electric vehicles and a manufacturing boost thanks to government funding this year.

By Casey Crownhart

CLIMATE CHANGE

## Novel lithium-metal batteries will drive the switch to electric cars

A new type of battery could finally make electric cars as convenient and cheap as gas ones.

by Jarvin Terpilo  
February 24, 2021

### BMW and Ford Invest in Solid-State Battery Startup for Future EVs

The two automakers will own startup Solid Power's battery technology in 2030.

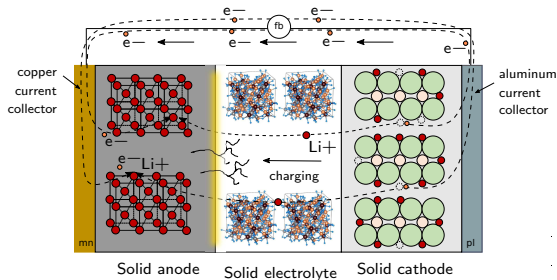
Feb 2, 2021 - 8628 pins

### Daimler delivers solid-state battery buses

The city of Wiesbaden simultaneously installs charging infrastructure for the new fleet.

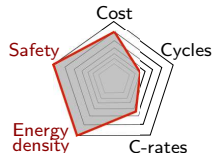
### Volkswagen EVs Could Deliver Long-Range, Solid-State Batteries By 2024

Nov 19, 2020 - 10349 pins

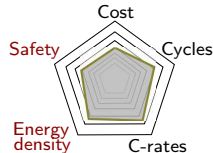


LLZO Li-metal Li+ metal-oxide e- space charge layer dendrite

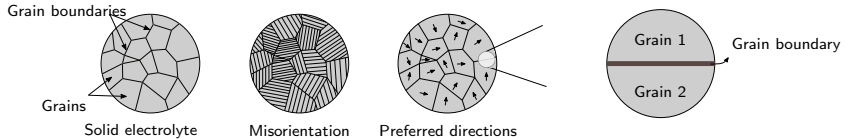
### All-solid-state batteries



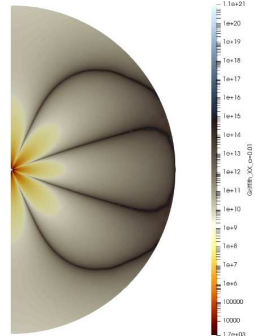
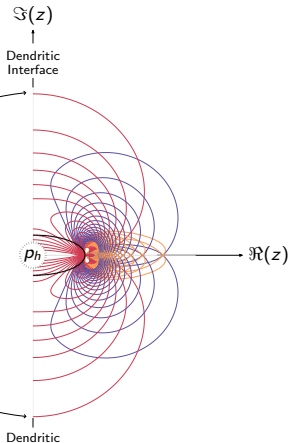
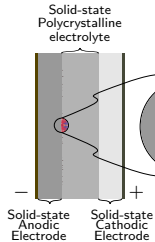
### Conventional batteries (NMC811)



# Next-generation all-solid-state lithium-ion batteries



## All-solid-state Batteries (ASSBs)



..until then: ACoMCell Plus can always solve the problem.

