Battery research and development tbilisi



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Georgia Tech has over 20 faculty and more than 150 researchers working to power the future with next generation energy storage technologies. Our focus is on batteries for electric mobility, grid, and renewable energy storage.

In addition to state-of-art facilities for battery technology development, testing, and characterization, the Georgia Tech Advanced Battery Center is working to establish additional facilities, including a grid storage "living lab" to enable R& D on realistic energy storage use scenarios.

The Georgia Tech Advanced Battery Center builds and supports interactions between a variety of industry partners and Georgia Tech researchers. We welcome the opportunity to bring our expertise to bear in solving industry-relevant energy storage challenges.

The project acronym SOLVE stands for Advancing SOLid-state battery development and production to driVE the future of electromobility. SOLVE project aims to develop safer, durable, and more sustainable batteries targeted for the future mobility applications. For this, next-gen lithium-ion solid-state batteries Gen4b (LiM-SSB and AF-SSB) will be produced, developed and demonstrated up to TRL6.

SAFT (FR), Arkema (FR), Centro ricerche Fiat (IT), Pipistrel (SI), CEA (FR), Pulsedeon (FI), Accurec recycling (DE), Delfort (AT), Politecnico Di Torino (IT), Tampere University (FI), Fraunhofer IKTS (DE), EMPA (CH), Oerlikon (CH), Lomartov (ES), Tenerrdis (FR)

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