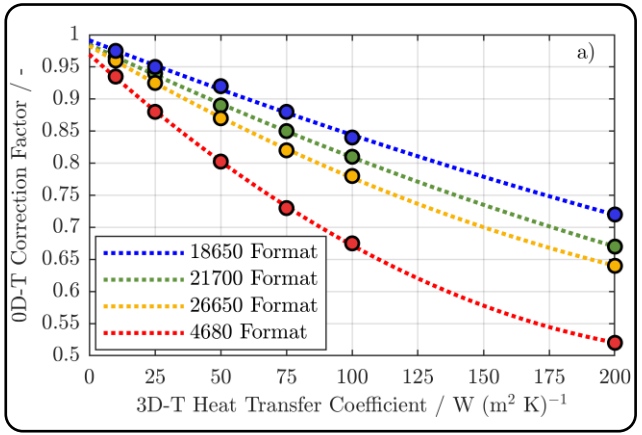
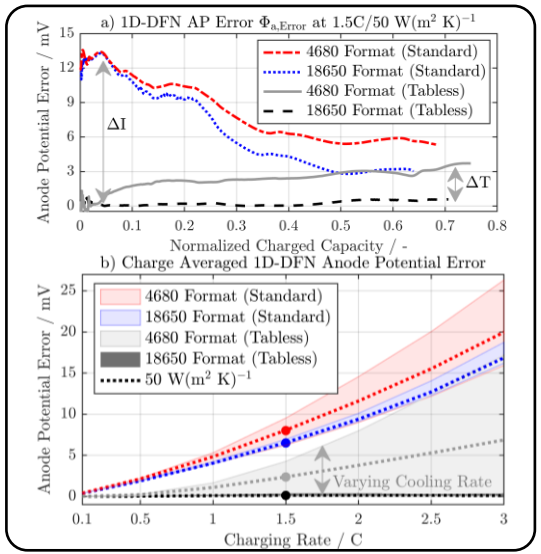
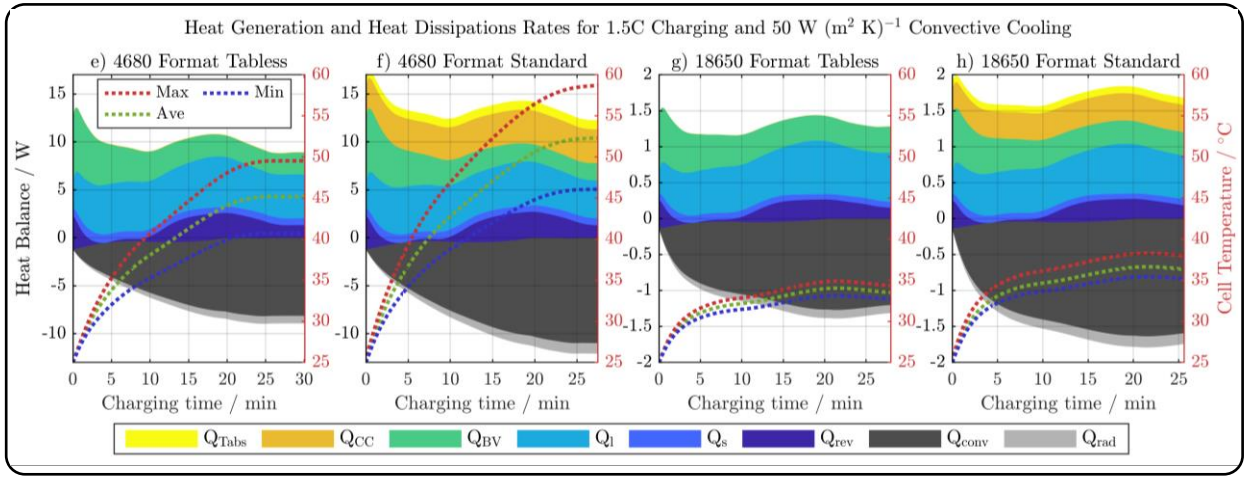
Investigating AP Errors of Real-Time Capable DFN Type Models Induced by Inhomogeneity for Fast Charging

- An adjusted cooling coefficient enables 0D temperature modeling with an average error of less than 1 °C, despite the inability to consider temp. gradients
- The anode potential error is influenced by the charging rate, cooling strategy, cell format, and current collector design.







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