

# SCCER Summer School - Energy Storage in Batteries: Materials, Systems, and Manufacturing

Energy Storage in Batteries: Materials, Systems, and Manufacturing  
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## Thermal Modelling and Management

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Thermal management is a major issue, especially for lithium-ion batteries. Too high as well as too low temperatures causes accelerated degradation. In addition the temperature distribution inside a lithium-ion cell and between different cells of a battery system should be as homogeneous as possible. To achieve this requirements an adequate thermal management is needed, which has to be integrated into the super ordinate system.

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