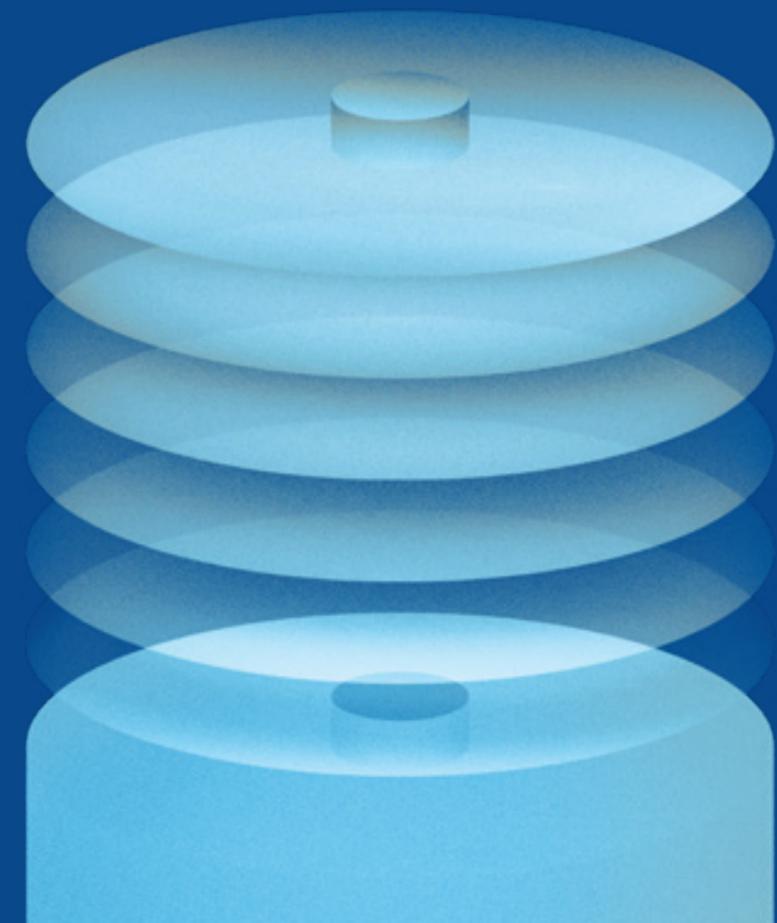


The **Brussels Institute for Advanced Studies** presents the 2025 BrIAS Conference on

# **BATTERY MANAGEMENT & FUTURE TECHNOLOGIES**

**MAY 22 → 23 — BRUSSELS, BELGIUM**

*BrIAS BATTERIES25 is the 1<sup>st</sup> annual event to bridge the most recent findings and needs of multidisciplinary scientific and industrial community on dynamic modelling, monitoring, instrumentation, and control of battery systems.*



- Topics**
- › Modeling of Li-Ion batteries dynamics (from Cells to Packs)
  - › Characterization and modeling of aging phenomena
  - › Battery Management Systems
  - › Battery health monitoring and lifespan prediction
  - › SOX Estimation
  - › Control of battery charge and discharge
  - › Advanced strategies for equalization in packs
  - › Energy management strategies in hybrid systems with battery packs
  - › Advanced monitoring – Sensor Integration at cell level
  - › Self-healing batteries
  - › Future battery technologies

- Plenary speakers**
- › Prof. Anna Stefanoupolou (University of Michigan)
  - › Dr. Jan Richter (Batemo)
  - › Dr. Marja Vilkmán (VTT Technical Research Institute of Finland)
  - › Prof. Tijs Donkers (TUE)

- Chairs & contact**
- › Prof. Emanuele Garone (ULB)
  - › Prof. Maitane Berecibar (VUB)
  - › Prof. Michel Kinnaert (ULB)
  - › Dr. Alejandro Goldar (ULB)

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**Abstract submission & additional info**



The deadline for submissions is  
**APRIL 1<sup>ST</sup> 2025**

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