

## Hitec Retreat II, 2019 in Brussels, Belgium

### Wednesday (4th December):

**Time Event**

- 8:00 We will meet at **08:00h** at **Jülich Bf**, where the bus that takes us to Brüssel is waiting for us.  
From there, we will go to **Aachen main station**. We will arrive there at around **08:45h** and pick up everybody who checked Aachen as their pick-up point and then continue to Brussels.
- 11:30 Arrival and lunch in Brussels (*De Bruxelles et d'ailleurs*)
- 13:30 Session 1 (conference room Hotel Du Congres):

**Opening**

***Mechanical reliability of transparent ceramics*** Sebastian von Helden

***MAX phases: remarkable ceramics for high-temperature applications*** Sylvain Badie

***Ceramic and polymer-ceramic all solid-state batteries*** Martin Ihrig

***Fabrication and Characterization of Coevaporated Perovskite Solar Cells at the Clustertool JOSEPH*** Lisa Krückemeier

15:00 Coffee break and Check-In Hotel Du Congres

15:30 Visit of Old Town (group or individual)

20:30 Dinner (*Le Roy d'Espagne*)

### Thursday (5th december):

**Time Event**

8:00 Breakfast

10:00 Session 2 (conference room Hotel Du Congres):

**Neuromorphic Computing** Pezhman Ebrahimzadeh

**3-D tomography of all-solid-state battery materials** Serkan Sevinc

**Model Predictive Control of buildings with complex energy systems** Maximilian Mork

11:00 Coffee break

11:15 Session 3 (conference room Hotel Du Congres):

**The Impact of Network Topology on Failure Spreading in Power Grids** Franz Nikolas Kaiser

**Synthesis of optimized Cathode materials for All-Solid-State Lithium-Ion Batteries** Christoph Roitzheim

12:00 Lunch (*Chez Jacques*)

14:15 Session 4 (conference room Hotel Du Congres):

**Chemical Characterization and their annual variation of organic aerosols during the year-long study JULIAC** Lu Liu

**Incorporating dynamics in energy system scheduling optimization** Florian Joseph Baader

**Low-temperature characterization of qubit control electronics** Anton Artanov

**Simulation and optimization tools for district heating networks** Mark Dominik Hering

**N.N.** Dana Lübke

15:30 Departure to European Parliament

16:00 European Parliament

17:30 Visit of Christmas market (individual)

20:30 Dinner (*Au Stekerlapatte*)

## Friday (6th december)

**Time Event**

8:00 Breakfast

9:30 Departure to Atomium

10:00 Visit of Atomium

12:00 Lunch (*Atomium*)

13:30 Return to Aachen/Jülich