



## Personalia

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-  Date of Birth: 17 May 1995
-  Place of Birth: Heusden-Zolder (Belgium)
-  Gender: Woman

## Skills

### Research:

Laboratory research  
Presenting  
Writing

### Personal skills :

Studious  
Punctual  
Organized

## Languages

Dutch: Mother language  
English: Good  
French: Basic

## Hobbies and Interests



# An-Sofie Kelchtermans

PhD researcher in chemistry at Hasselt University, Belgium

Passionate and driven PhD researcher in chemistry working on synthesis and characterization of new battery materials for lithium ion batteries, 6 years of experience with lab work at Universities.

## EXPERIENCE

- 2019 – present: **PhD researcher**  
*Hasselt University, Belgium.*
- Experience with different characterization techniques, such as ICP-OES, (ATR)FT-IR, Raman spectroscopy, and electrochemical techniques.
  - Workshops to improve soft skills: conflict management, assessing strengths and competences, stress and resilience, influencing – how to bring people together, intercultural communication, collaborating successfully, ...
  - Coaching students during teaching assignments and student labs

## EDUCATION

- 2019 – Present **PhD student**  
*Hasselt University, Department of chemistry, Belgium.*  
Optimization of cathode materials for solid state batteries by obtaining insights into the interaction between solid electrolyte and cathode active material  
Financial support from VLAIO (Baekeland mandate between UHasselt and Umicore)
- 2016 – 2018 **Master of Science in Chemistry**  
*Ghent University, Department of chemistry, Belgium.*  
Thesis: Synthesis of double metal oxide nanocrystals and the incorporation in YBCO superconductors.
- Summer 2017 **Summer internship**  
*Umicore (Olen, Belgium)*  
Project on the synthesis of cathode battery materials
- 2013 – 2016 **Bachelor of Science in Chemistry**  
*Hasselt University, Department of chemistry, Belgium*  
Bachelor project: Synthesis and characterization of gallium doped zinc oxide