1. Personal information

Name			
Leonard Rahn			
Company	**Country**	**Email address**	**Telephone**
University of Oslo	Norway	Leonard.rahn@kjemi.uio.no	

2. Describe your relevant background, experiences, skills and expertises. What can you bring to a NKS project?

Please give a short and general description here (max 30 lines)

Current Position:
- PhD candidate in Radiochemistry and Hydrometallurgy, Nuclear Chemistry Group, University of Oslo (UiO)

Education:
- Master's Degree in Radiochemistry, University of Oslo (UiO)
- Bachelor's Degree in Environmental Chemistry, Norwegian University of Life Sciences (NMBU)

Professional Experience:
- Research and Development Engineer at a Startup focused on lithium battery recycling
- Part-time Radiation Protection Engineer at Nuclear Chemistry Group, UiO

Teaching and Instruction:
- Instructor for Radiation Protection Courses
- Experience in teaching various courses and summer-schools in radiochemistry
- Conducted laboratory exercises for undergraduate and graduate students

Technical Skills:
- Tracer production via neutron activation
- Neutron Activation Analysis
- Liquid-liquid extraction methodologies
- ICP-OES and ICP-MS analysis

3. Describe your specific interests and wishes regarding collaboration. How would you like to be involved in a NKS project? Which types of projects could have your interest?

Please give a short and general description here (max 30 lines)

My research interests is extraction and recovery of critical minerals from both primary and secondary sources utilizing hydrometallurgical techniques. I focus on the application of radiochemical methods to conduct quantitative and qualitative analyses on bulk materials, as well as to measure and evaluate extraction efficiency through the use of radiotracers.

Currently, UiO is involved in a collaborative effort with IFE to establish a Neutron Activation Analysis Center. I am particularly interested in exploring applications of fast neutrons (14 MeV) in both neutron activation analysis and tracer production, which will also be the center of my research for my PhD.