

# The challenge of environmental purification - cesium captures as an example

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from Dept. Quantum Science and Energy Eng.

Meeting place : Quantum Science and Energy Eng. research building (campus map A 40), room 413

Date and Time : 16:30, Tuesday, 3rd October



CaO



SiO<sub>2</sub>



H<sub>2</sub>O



Atomic Absorption Spectrometry



Scanning Electron Microscope



Digital Microscope

We will make an adsorbent using calcium oxide (CaO), silicon dioxide (SiO<sub>2</sub>), and water (H<sub>2</sub>O) and try to remove cesium ions from cesium solution using the adsorbent.