

## **Sodium-22 Based Measurements at the Coincident Doppler-Broadening Spectrometer**

The Coincident Doppler-Broadening Spectrometer (CDBS) at NEPOMUC provides in depth information about open volume defects and their chemical surroundings. While usually operated with the reactor based Neutron induced Positron source MUniCh (NEPOMUC), the time in between reactor cycles can be used for Sodium-22 based measurements. This means that the sophisticated data acquisition hardware of the CDBS can be utilised more efficiently. This opportunity has been used to perform measurements on structural AlCu alloys. Additionally, high statistics measurements on W and Kapton samples to investigate the positron thermalisation process were performed.

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