

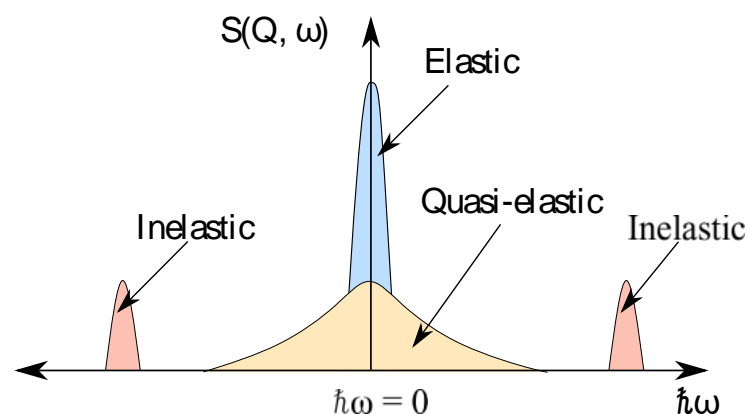
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Neutron spectroscopy for studying molecule diffusion in energy materials

Neutron scattering is a very versatile method with many applications in materials science. Crystal structures and mesoscopic structures such as pore networks and foams can be analysed using neutron diffraction. For chemical processes, the dynamics of the system, i.e. molecular vibrations and diffusion, is often of particular interest. Inelastic and quasielastic neutron scattering allow to study characteristic times and energies of very different molecular motions.

This talk will focus on materials for hydrogen-based energy conversion such as fuel cells and electrolyzers.



Dienstag, 13.02.2024 um 11:00 Uhr

**hybrid-Format: B4.0.02, Campus Gelsenkirchen und
zugeschaltet B1.2.108 Campus Recklinghausen**

<https://w-hs.zoom-x.de/j/64860181669?pwd=M2MrYS9zVER3SnpCNEs2ZlZzT2Y2UT09>



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