

Dynamic behaviour and catalysis in metal-organic frameworks (MOFs)

The seminar will focus on two areas of interest in my group that relate to the class of crystalline porous materials known as metal-organic frameworks (MOFs). In the first part of the lecture I will discuss strategies for using MOFs to embed catalytic centres to provide active, well-characterised single-site heterogeneous catalysts. In the second part I will discuss flexibility and guest-responsive dynamic behaviour in a MOF system that we have recently developed.

References

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