

Report on
The 7th Alpine Conference on Solid-State NMR
A European Conference on Solid-state NMR
New concepts and applications

Valerie Seymour
School of Chemistry, University of St Andrews

The conference was held from the 11th to the 15th of September 2011 in the stunning setting of the Chamonix valley in France. The conference included a series of scientific talks covering a range of methods and applications. A lecture from outside the field, by a pioneer in nanoscience, was on 'Light, Metal and Molecules'.

In addition to talks, posters were displayed during the conference and presented across two poster sessions. This gave me the opportunity to present my work and answer questions, in an international setting. My poster was titled 'Solid-State NMR Investigation into Local Structure and Order in the Aluminophosphate STA-2'. The poster content included a two-dimensional heteronuclear correlation spectrum of the templated aluminophosphate STA-2 (St Andrews microporous solid-2), obtained at the UK 850 MHz Solid-State NMR facility, used to study ²⁷Al-O-³¹P connectivities in the framework structure. This was accompanied by work done at 14.1 T and results from DFT calculations.

Coffee breaks and shared meal times provided opportunities for networking with people from a range of academic institutions and industry, as did the free afternoon, walking up *Le Brevent* and cable car journeys. The conference provided the opportunity to explore the field of solid-state NMR outside my own, and that of my colleagues', research areas, such as DNP, biological systems, and spinning magnets.