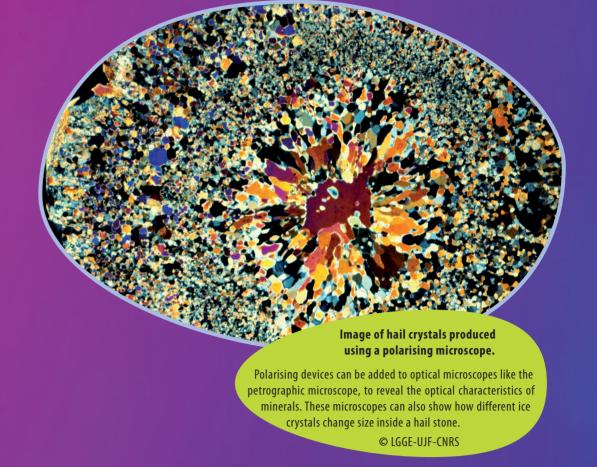


With the birth of crystallography at the end of the 18th century new tools became available for observing and measuring crystals.

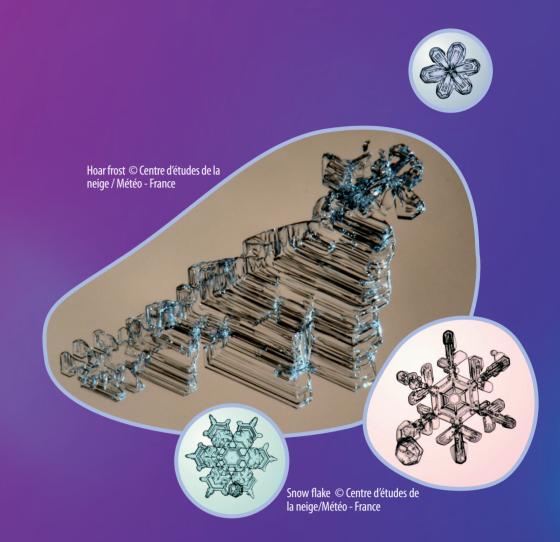


Observing their geometry

Crystalline structures could now be classified by measuring their interfacial angles, studying their symmetries and describing their geometry.

Observing and understanding

By observing even the commonest of the crystals, those of snow or ice for example, we can dis-cover the multiplicity of their growth forms. This is a real source of wonder for the curious of course, but it is also a source of precious information on the state of the material and its inner workings. It provides a much better understanding of natural phenomena such as avalanches.

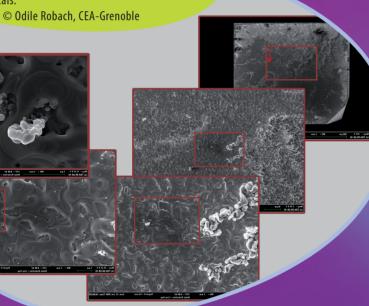


Observing them under the microscope

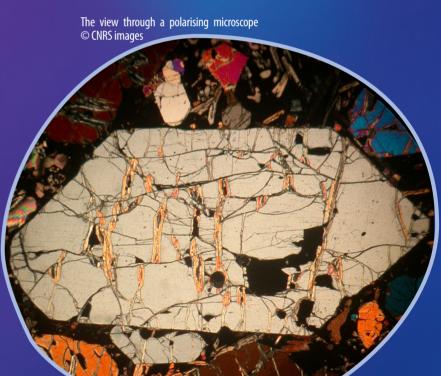
The world of crystals can be a hidden one, but a simple magnifying glass or optical microscope can reveal their inner forms. Happy hunting!

Images of an oxidising iron crystal by a scanning transmission electron microscope

More efficient modern microscopes like the electronic microscope give us more detailed high-zoom views. Here we can see the growth of iron oxide crystals.









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Crystal, an object of desire

