

A03-5

Application of extremely high pressure and precise analysis of X-conjugation in condensed phases

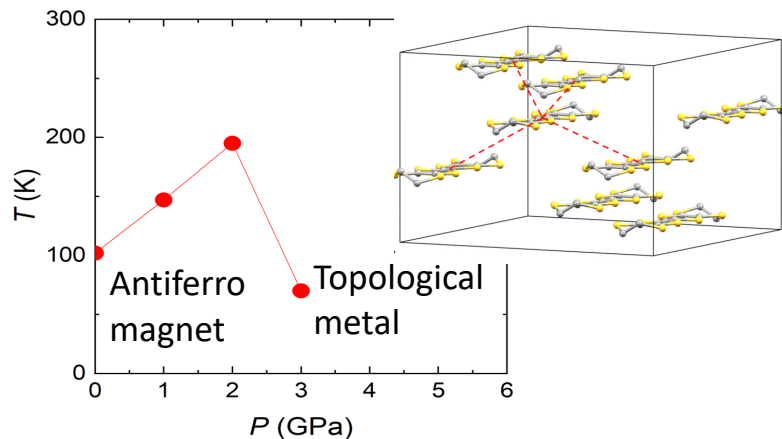
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Our Mission: Precise analysis of “X”-conjugation in condensed phases

Our aim in A03-5

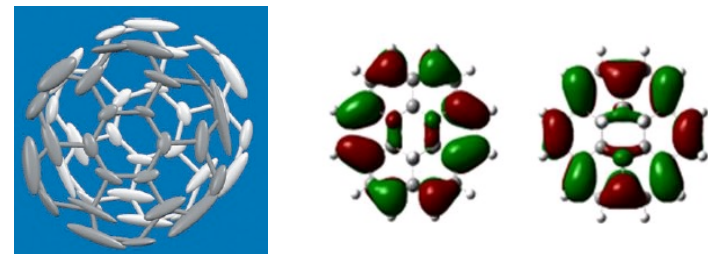
- Realization of condensed X-conjugate system under extremely high pressure
- Local measurements of X-conjugate current through optical NMR

Physical control with high pressure



Realization of high-density X-conjugate

Optically detected high-resolution NMR



Imaging of local conjugate current