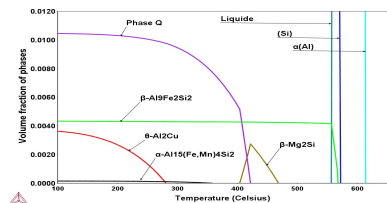
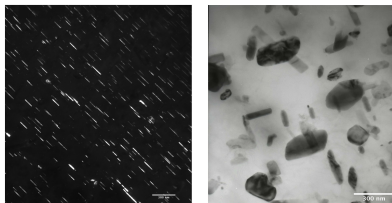


Development of a novel aluminum alloy using thermodynamic calculations

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Industrial partner : Montupet



- Precipitation hardening aluminum alloys
- Equilibrium and constrained calculations using Thermo-Calc
- Study of the effect of alloying elements on the thermodynamic stability of phases
- Setting an optimized chemical composition of an aluminum alloy