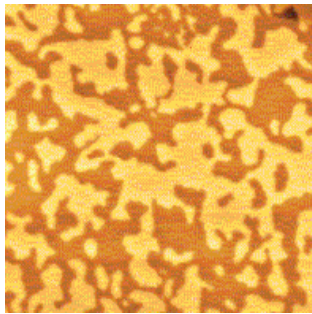
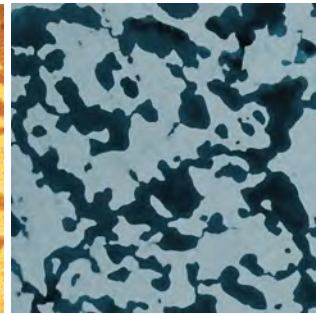


From magnets to melt ponds

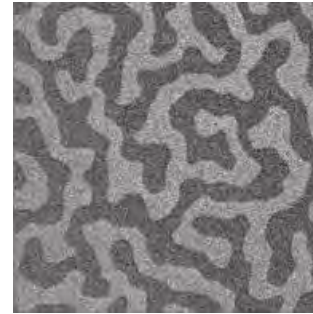
100 year old model for magnetic materials
used to explain melt pond geometry



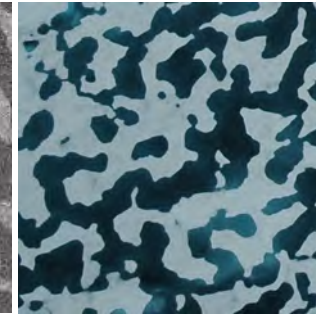
magnetic domains
in cobalt



Arctic melt ponds

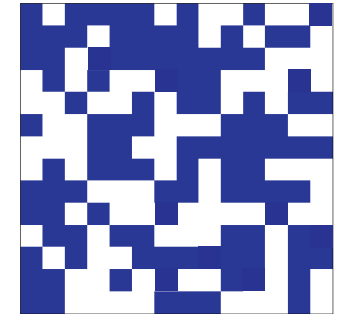
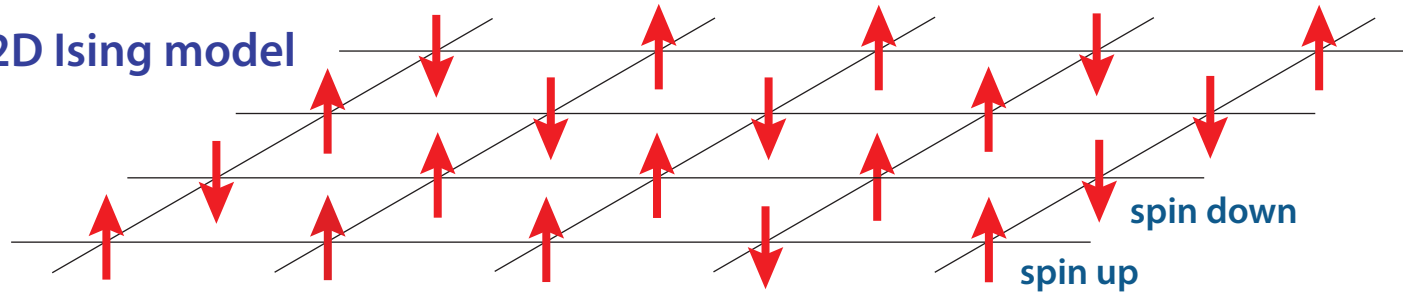


magnetic domains
in cobalt-iron-boron

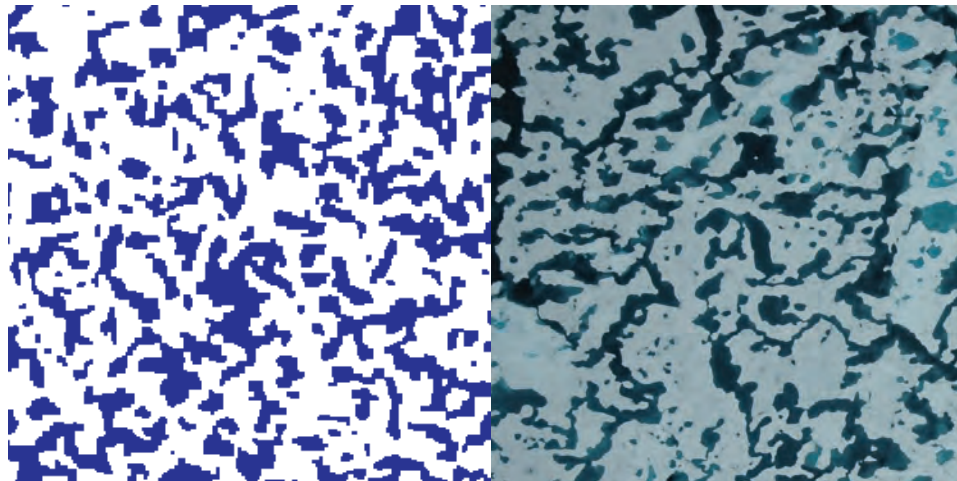


Arctic melt ponds

2D Ising model



model



real ponds
(Perovich)

Ma, Sudakov, Strong,
Golden, *New J. Phys.* 2019