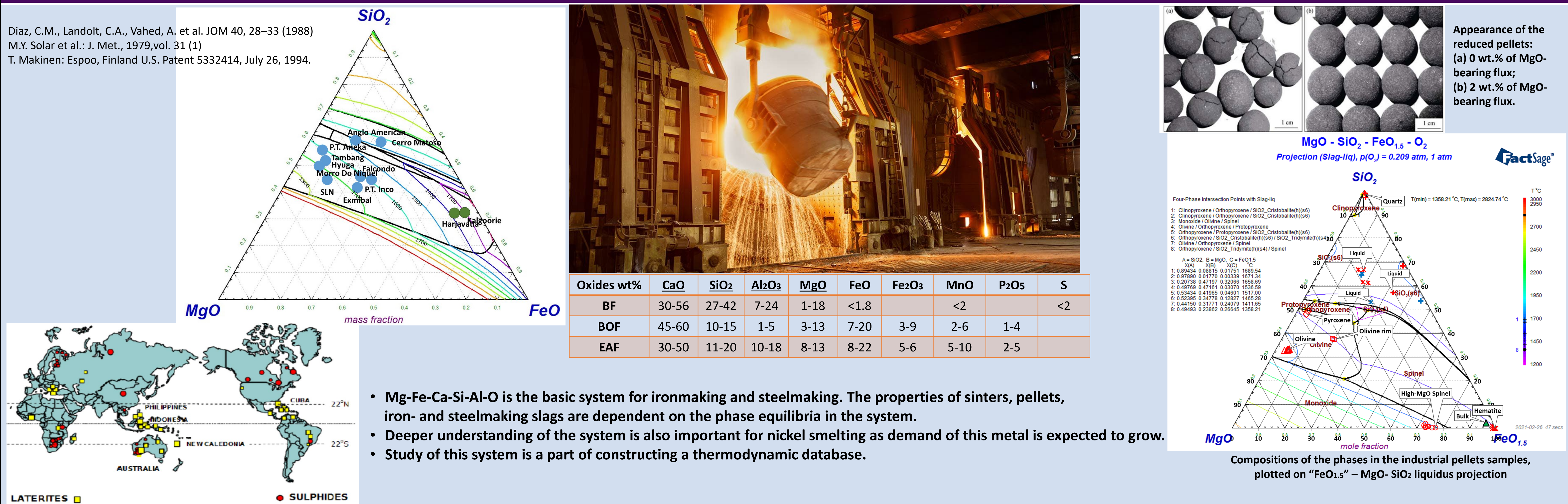


# Experimental phase equilibria study and thermodynamic modelling of the CaO-MgO-FeO-Fe<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub> system

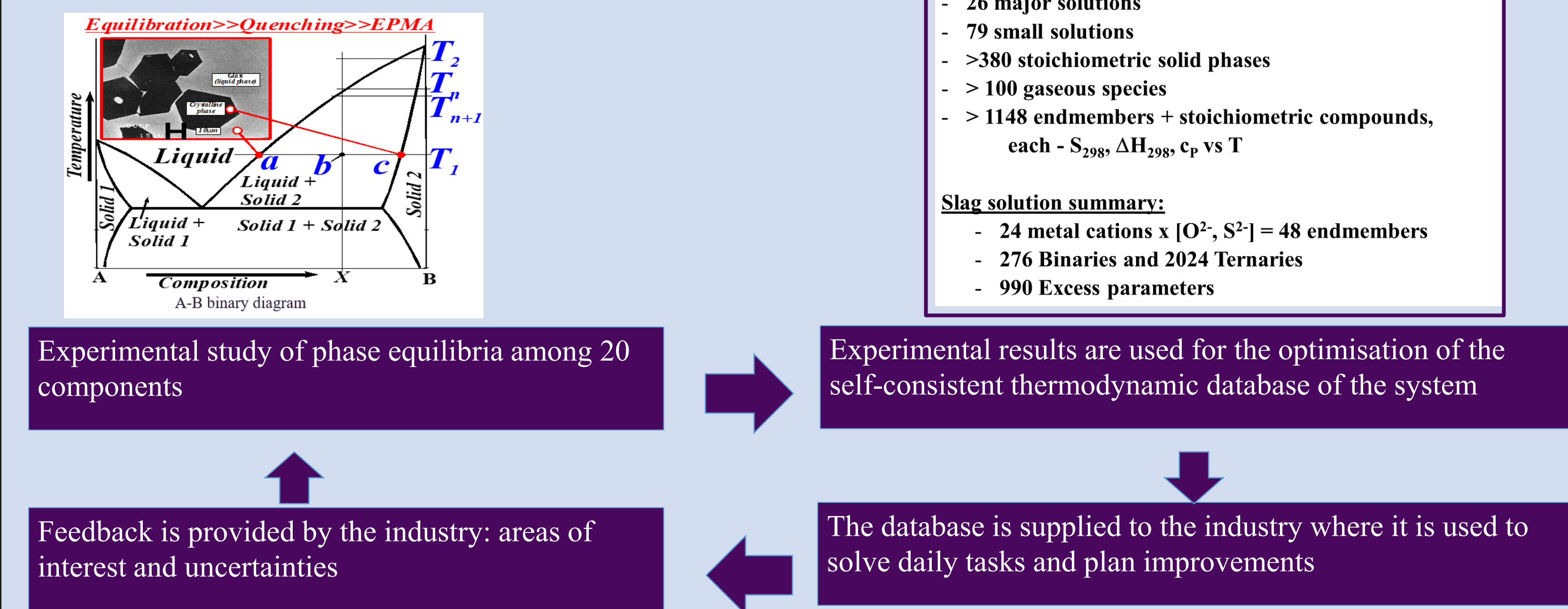
Igor Babaian, Dr. Evgenii Nekhoroshev, Dr. Maksym Shevchenko, Prof. Evgueni Jak

## Motivation

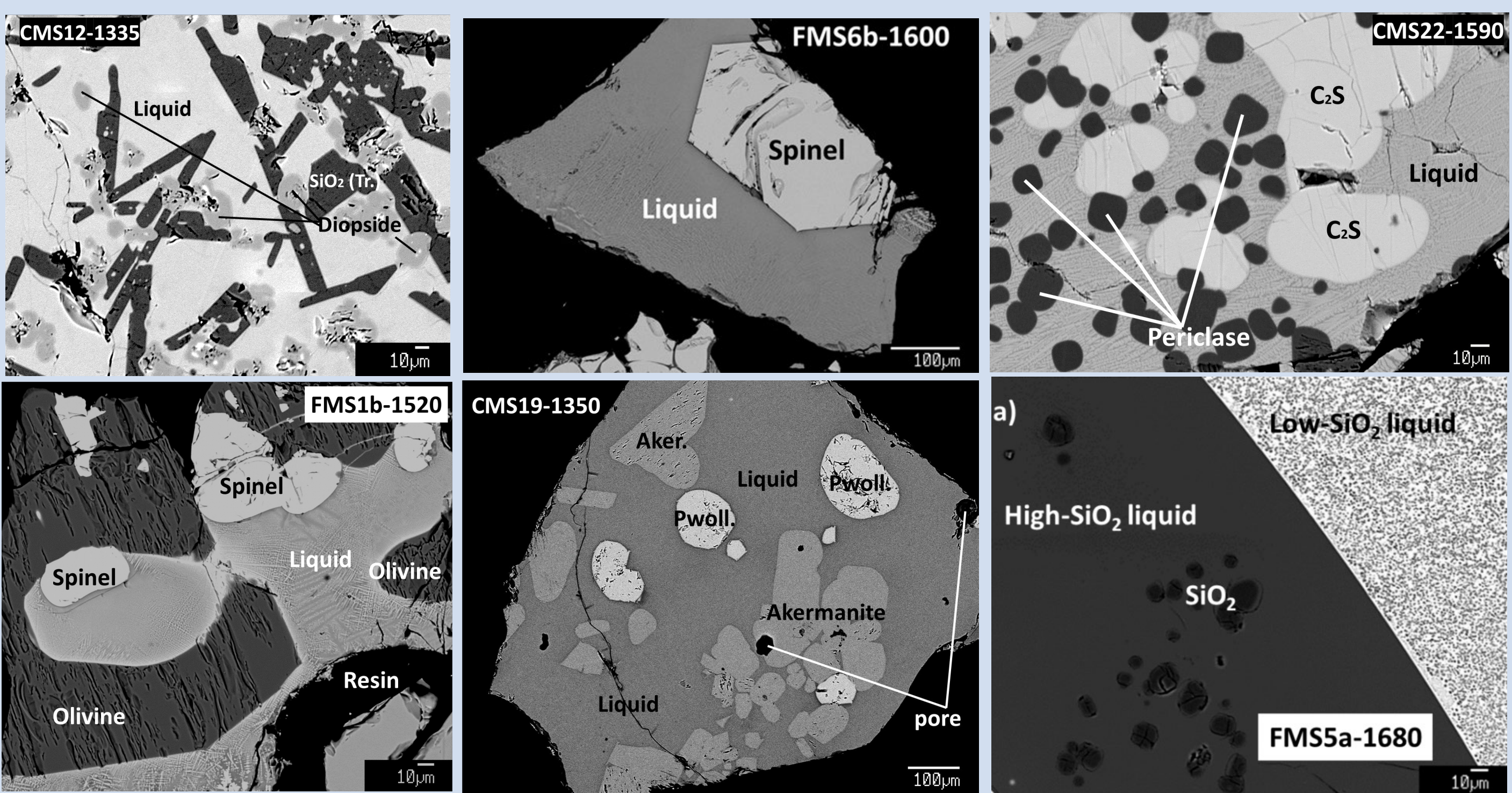


## PYROSEARCH major project and methodology

Integrated experimental and thermodynamic modelling study of the Cu-Pb-Zn-Fe-Ca-Si-Al-Mg-O-S-(As, Sn, Sb, Bi, Ag, Au, Ni, Cr, Co and Na) gas/oxide liquid/matte/speiss/ metal/solids system



## Selected microstructures



## Results

