



## Talk announcement

Bogdan Radu (RICAM)

Tuesday, March 19, 2024 15:30, S2 044

## A scalar potential approach for magnetostatics avoiding the coenergy

We show how to implement the reduced scalar potential approach, which aims at maximizing the magnetic coenergy, having access to the energy density only. In this way, one can avoid the computation of the coenergy density and eventually speed up the convergence of iterative solvers. Numerical tests will be presented for illustration and comparison with the related vector potential formulation.