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**Mario Salvetti\*** ([salvetti@dm.unipi.it](mailto:salvetti@dm.unipi.it)), Largo B. Pontecorvo, 5, 56127 Pisa, Italy. *On local system cohomology of arrangements and of Artin groups.*

We are interested in calculating topological invariants for the complement of an arrangement of hyperplanes, with special attention to the case of the configuration spaces of Artin groups (including the case of infinite type Artin groups).

We consider some combinatorial conjectures and some methods, in particular we show how some combinatorial methods are useful for doing calculations. (Received February 01, 2016)