Mireille Soergel : *A generalized Davis complex for Dyer groups*

First I will introduce Dyer groups. This family of groups has the same solution to the word problem as Coxeter groups and right-angled Artin groups. We will see that every Dyer group is a finite index subgroup of some Coxeter groups. I will also construct actions of Dyer groups on CAT(0) spaces which extend the actions of Coxeter groups on Davis complexes and of right-angled Artin groups on Salvetti complexes.

Mercredi 23 novembre, 11h-12h, Amphithéâtre Yoccoz.