

- **Avramidi, Grigori: On groups of isometries preserving multiple horospheres (SR 0)**

Suppose that a group  $G$  acts on a Hadamard manifold  $X$  by covering space transformations. Let  $\text{Fix}^0(\Gamma)$  be the set of points at infinity whose horospheres are preserved by  $\Gamma$ . I will discuss the topology of  $\text{Fix}^0$  and the relation between the dimension of  $\Gamma$  and the dimension of  $\text{Fix}^0(\Gamma)$ . Joint work with Tam Nguyen Phan.