1142-20-77 **Sahana H Balasubramanya*** (`hbsahana@gmail.com`). *Hyperbolic Structures on Wreath Products.*

The poset of hyperbolic structures on a group G; denoted $\mathcal{H}(G)$; is still very far from being understood and several questions remain unanswered. In this talk, I will speak about some new results that describe some hyperbolic structures on the wreath product $G \operatorname{wr} \mathbb{Z}$, for any group G. As a consequence, I answer two open questions regarding quasi-parabolic structures: I will give an example of a group with an uncountable chain of quasi-parabolic structures and give examples of groups that have finitely many quasi-parabolic structures. (Received August 28, 2018)