1142-20-78   **Pallavi Dani**, **Matthew Haulmark** and **Genevieve Walsh***, genevieve.walsh@gmail.com.

Non-planar boundaries of right-angled Coxeter groups. Preliminary report.

We give some conditions on the defining graph Γ of a right-angled Coxeter group $G(\Gamma)$ which ensures that the boundary $\partial G(\Gamma)$ is non-planar. The proof uses (in a mild way) the dynamics of a group action on its boundary. We will also give some interesting and perhaps surprising examples. (Received August 28, 2018)