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Runrun Liu, Sarah Loeb, Yuxue Yin and **Gexin Yu*** (gyu@wm.edu), Department of Mathematics, College of William and Mary, Williamsburg, VA. *DP-coloring of planar graphs with three colors*. Preliminary report.

DP-coloring is a generalization of list coloring introduced recently by Dvořák and Postle (2017). In this talk, we will show how to extend some list coloring results on planar graphs with three colors to DP-coloring. This is joint work with Runrun Liu, Sarah Loeb, and Yuxue Yin. (Received February 12, 2018)