1146-16-293   **Mitja Mastnak*** (`mmastnak@cs.smu.ca`), Dept. of Math. & C.S., Saint Mary's University, 923 Robie St, Halifax, NS B3H3C3, Canada. *On finite-dimensional copointed Hopf algebras over dihedral groups.*

In the talk I will discuss the classification of those finite-dimensional Hopf algebras whose coradical is the dual group algebra of a dihedral group. This is based on joint work with F. Fantino and G. Garcia. I will focus on the deformation-theoretic aspects of the classification. Some other applications of the deformation theory for graded bialgebras will also be mentioned. (Received January 25, 2019)