1082-47-94 **Flavia Colonna*** (fcolonna@gmu.edu), Dept. of Mathematical Sciences, George Mason University, 4400 University Drive, Fairfax, VA 22030, and **Maria Tjani**. *Weighted composition operators from the analytic Besov spaces into the weighted-type space H^∞_μ.*

Let μ denote a positive continuous function on the open unit disk $\mathbb{D}$. In this work, we characterize the bounded weighted composition operators from the analytic Besov spaces B_p $(1 \leq p < \infty)$ into the weighted-type space H^∞_μ consisting of the analytic functions on $\mathbb{D}$ such that $\sup_{z\in\mathbb{D}} \mu(z)|f(z)| < \infty$ and determine their operator norm. We also determine the essential norm of the bounded weighted composition operators acting on the Dirichlet space and obtain estimates when $p = 1$. In the general case when the operator maps B_p into H^∞_μ, we derive an approximation of the essential norm that yields a characterization of the compact weighted composition operators. Finally, we derive characterizations of the bounded and the compact weighted composition operators from the spaces of antiderivatives of functions in B_p and $BMOA$ into the α-Bloch spaces. (Received July 05, 2012)