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Jose Luis Gonzalez* (jgonza@math.ubc.ca), University of British Columbia, and **Kalle Karu** (karu@math.ubc.ca), University of British Columbia. *Bivariant Equivariant Cobordism*.

We define operational versions of algebraic cobordism and equivariant algebraic cobordism. More generally, we associate a bivariant theory to any oriented Borel-Moore homology theory with intersection products. This bivariant theory has the expected features from the case of Chow cohomology. Some of our technical results include Kimura and Gillet type exact sequences for algebraic cobordism and bivariant (equivariant) cobordism. Moreover, when this sequences hold, the equivariant bivariant theory can also be computed as a suitable inverse limit, once again in analogy to the equivariant Chow cohomology case. As an example, we describe the operational equivariant cobordism of arbitrary toric varieties. (Received September 16, 2013)