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**Silvia Jimenez Bolanos\*** (sjimenez@colgate.edu) and **Bogdan Vernescu**. *Nonlinear Neutral Inclusions: Assemblages of Confocal Coated Spheres and Ellipsoids.*

If a neutral inclusion is inserted in a matrix containing a uniform applied electric field, it does not disturb the field outside the inclusion. The well known Hashin coated sphere is an example of a neutral coated inclusion. In this talk, we consider the problem of constructing neutral inclusions from nonlinear materials. In particular, we discuss assemblages of coated spheres and ellipsoids. (Received September 12, 2013)