1147-37-429   **Eugen Mihailescu*** (`eugen.mihailescu@imar.ro`), Institute of Mathematics Romanian Academy, Bucharest, Romania. *Overlap numbers in conformal iterated function systems.*

We will present several recent results about overlap functions for invariant measures for conformal iterated function systems with overlaps. Various types of projection measures are studied on the limit set. The overlap numbers are then applied to estimates for the Hausdorff dimension of the projection measures. In particular they apply to Bernoulli convolutions. Based partly on joint work with M. Urbanski. (Received January 23, 2019)