## Franz Lehner (Graz):

A Good formula for noncommutative cumulants

*Abstract:* Cumulants linearize convolution of measures. We use a formula of Good to define noncommutative cumulants. It turns out that the essential property needed is exchangeability of random variables. This provides a simple unified method to derive the known examples of cumulants, like free cumulants and various q-cumulants, and will hopefully lead to interesting new examples.