Many important test statistics can be rewritten as or approximated by degenerate von Mises-(V-)statistics. In the first part, I will review new results on the asymptotic behavior of degenerate V- and related U-statistics under ergodicity or weak dependence.

To set critical values for tests, bootstrap methods are an important tool whenever the distribution of a given test statistics cannot be determined analytically. I will introduce a new variant of a dependent wild bootstrap and sketch the proof of its consistency.

Literature:
