Improved Methods of Measuring and Curing Coupled Bunch **Instabilities** in ELETTRA, A. FABRIS. C. PASOTTI, M. SVANDRLIK, Sincrotrone Trieste - Coupled Bunch Instabilities (CBI) are cured in ELETTRA by high precision temperature tuning of the RF cavities. The growth rates of the longitudinal CBIs are computed as a function of the cavity temperature in order to identify intervals where the growth rates of all modes are below the radiation damping rate. The computed stability intervals can easily be verified on the machine thanks to an automatic measuring system of the coupled bunch mode spectrum. Different oscillation amplitudes can be selected on the machine just by setting different cavity temperatures. A complete suppression of the longitudinal CBI has been obtained with greater ease after the installation of a Higher Order Mode Frequency Shifter (HOMFS) which provides an additional degree of freedom for the optimization procedure. Once longitudinal CBIs are compensated, transverse effects may be observed, which then can be compensated by fine temperature tuning.