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**Ten Years of CCD Detectors.** R. Curtis Haltiwanger, Charles F. Campana, Michael Ruf, Timothy Thorson, Bruker AXS Inc., 5465 East Cheryl Parkway, Madison, WI 53711 USA.

In single crystal X-ray structure determination there have been many developments that have dramatically improved the capabilities for the structural scientist. Computers, automated diffractometers, direct methods programs, crystallographic software packages and CCD detectors, are certainly among the top candidates for dramatic impact on the chemical crystallographer. This year marks the tenth anniversary of CCD detectors for crystallography. Thus it is a great year to take stock, look back, celebrate the present and imagine the future. With that in mind, this poster will compare data from the first CCD detectors installed ten years ago to data from various Bruker-Nonius diffractometers, from the earliest CCD's to the latest Bruker CCD, the Apex II. All data was measured at room temperature using the same crystal of  $\beta$ -(2*S*,3*S*,4*S*,5*R*)-Fructofuranosyl- $\alpha$ -(1*R*,2*R*,3*S*,4*S*,5*R*)-glucopyranoside or sucrose.