

**PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON
STELLAR SPECTRAL LIBRARIES (IWSSL 2013)**

Cover Illustration : Evolution of a single stellar population between 1 and 7 Myr. The most conspicuous features are C IV $\lambda 1550$ (at any time step), He II $\lambda 1640$ (between 2 and 4 Myr), and N IV $\lambda 1720$ (between 1 and 5 Myr). The three spectra at each epoch are for IMF slopes 3.3 (red), 2.3 (green), 1.0 (blue), with flatter (= smaller exponents) slopes producing stronger lines. Note the sensitivity of the He II line to the IMF. See related article by Claus Leitherer (2013, ASICS, 11, pp. 125–132).