## NEW GRIDS OF NLTE MODEL ATMOSPHERES FOR HOT SUBDWARF STARS INCLUDING METALS

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There have been considerable efforts in the past, particularly in Germany, to provide the community with increasingly realistic model atmospheres of hot white dwarf and hot subdwarf stars in the regime where the LTE approximation becomes difficult to justify. However, the computations of large general-purpose grids of NLTE models have been impeded by the fact that such calculations are very time consuming, especially when one includes iron-peak elements. To address this problem, we have adapted the public codes TLUSTY and SYNSPEC of Ivan Hubeny and Thierry Lanz to run in parrallel on CALYS, our small cluster of dedicated PC's at the Université de Montréal, currently made up of 80 fast processors. So far, we have computed several large grids of models with various metallicities. These are of interest for the spectral analysis of hot B subdwarfs. We briefly discuss these results in this poster.