The Ionizing Continuum from Theta 1 Ori C, the ionizing star in the Orion Nebula

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The talk will discuss what is known about the stellar continuum produced by the central star in the Orion Nebula. Nebular spectroscopy and related analysis results in an accurate determination of the continuum between 900A and 200A. Of the stellar atmospheres available today, the Mihalas (1972) come the closest to reproducing the inferred continuum. This star could serve as a benchmark in understanding future atmosphere calculations.