Given a cut and project scheme $(G \times H, L)$ and a function g on H we can define a weighted comb

$$\omega_g := \sum_{x \in \pi_1(L)} g(x^\star)\delta_x \, .$$

If W is the window of a model set $\Lambda \subset G$ and $g = 1_W$, then $\omega_g = \delta_\Lambda$.

A **continuous weighted model comb** is a weighted comb ω_g which comes from a compactly supported continuous function $g \in C_c(H)$.

In this talk we characterize the continuous weighted model combs in terms of the almost periodicity of the measure ω_g. We also discuss what happens if g is continuous but not necessarily compactly supported.