Charm and Charmonium Spectroscopy

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The still unrevealed nature of the $D_{sJ}^{*}(2317)^{\pm}$, $D_{sJ}(2460)^{\pm}$ and of recently discovered new resonances in the charmonium mass range [1] has reawoken the interest in heavy meson spectroscopy in the last years.

Although designed to measure CP violation in the B system the B factories at asymmetric-energy e^+e^- colliders have access to a wide variety of spectroscopic measurements. The production of *charm* can be studied in B decays, $e^+e^- \to c\overline{c}$ fragmentation events, and initial state radiation. Here recent results of studies exploiting these processes relevant for charm and charmonium spectroscopy are presented.

[1] Namely the $X(3872)$, $X(3940)$, $Y(3940)$, Z(3930), and $Y(4260)$.

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