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## **$e^+e^- \rightarrow \text{Upsilon}(nS)\pi^+\pi^-$ scan and observation of $e^+e^- \rightarrow \gamma \chi_{c1}$ at Belle**

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We report a new measurement of the  $e^+e^- \rightarrow \Upsilon(nS)\pi^+\pi^-$  ( $n = 1, 2, 3$ ) cross sections at energies from 10.52 to 11.02 GeV,

where we observe a new structure in the energy dependence of the cross sections and find evidence for the  $\Upsilon(1S)\pi^+\pi^-$  production below the  $B\bar{B}$  threshold.

Along with this we also present observation of  $e^+e^- \rightarrow \gamma \chi_{c1}$  and search for  $e^+e^- \rightarrow \gamma \chi_{c0}, \gamma \chi_{c2}$  and  $\gamma \eta_c$  at Belle.

The results are based on the data sample collected by the Belle detector at the asymmetric energy  $e^+e^-$  collider KEKB.

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