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Title:	Precise Measurement of the D-0 and D+ Lifetimes at Belle II.					
Authors:	Bhardwaj, Vishal (/jspui/browse?type=author&value=Bhardwaj%2C+Vishal) Patra, Sourav (/jspui/browse?type=author&value=Patra%2C+Sourav)					
Keywords:	Hadronic decays Lifetimes & widths					
Issue Date:	2021					
Publisher:	American Physical Society					
Citation:	Physical Review Letters, 127(21).					
Abstract:	We report a measurement of the D0 and Dþ lifetimes using D0 $\rightarrow$ K- $\pi$ þ and Dþ $\rightarrow$ K- $\pi$ þ $\pi$ þ decays reconstructed in eþe- $\rightarrow$ cc data recorded by the Belle II experiment at the SuperKEKB asymmetricenergy eþe- collider. The data, collected at center-of-mass energies at or near the Yö4SÞ resonance, correspond to an integrated luminosity of 72 fb-1. The results, $\tau$ ŏD0Þ ¼ 410.5 1.1ŏstatÞ 0.8ŏsystÞ fs and $\tau$ ŏDþÞ ¼ 1030.4 4.7ŏstatÞ 3.1ŏsystÞ fs, are the most precise to date and are consistent with previous determinations					
Description:	Only IISERM authors are available in the record					
URI:	https://doi.org/10.1103/PhysRevLett.127.211801					

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