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## **Leptonic and semileptonic D decays at BESIII ( $10' + 5'$ )**

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The BESIII Experiment at the Beijing Electron Positron Collider (BEPCII) accumulated the world's largest  $e^+e^-$  collision samples at 3.773 and 4.009 GeV. Based on analyses of  $D(s)^+ \rightarrow l^+\nu$ ,  $D^0 \rightarrow K(\pi)^-e^+\nu$ ,  $D^+ \rightarrow K^{*0}_L e^+\nu$ ,  $D^+ \rightarrow K\pi^+e^+\nu$  and  $D^+ \rightarrow \omega e^+\nu$ , we report the determinations of CKM matrix elements  $|V_{cs}(d)|$ , the  $D(s)^+$  decay constants, the form factors of D semi-leptonic decays. These are important to calibrate the LQCD calculations of decay constant and form factors and to test the CKM unitarity.

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