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Test of leptonic universality in J/ψ decays

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The ratio of the partial width of J/ψ decays into e^+e^- and $\mu^+\mu^-$ pairs are measured using a data sample of $7 \cdot 10^6$ J/ψ events recorded by the KEDR detector at the VEPP-4M collider. Our preliminary result are:

$$\frac{\Gamma_{ee}}{\Gamma_{\mu\mu}} = 0.9965 \pm 0.0045 \pm 0.0050$$

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