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ILC Technical Progress and Prospect (12' + 3')

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Progress in the ILC accelerator design and technical R&Ds is overviewed, and technical prospect for the project realization is discussed. Two key technologies of "nano-beam" and "superconducting RF" have been much progressed and demonstrated, at the KEK Accelerator Test Facility and at the European Free-electron Laser (XFEL) projected, respectively. Based on these technical achievements, the prospect and further necessary preparation work will be discussed.

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