

Silicon Tracking Detectors and Electronics – How We Got Here and Where We're Going

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In the past quarter century silicon tracking detectors and integrated electronics have made tremendous strides. Throughout much of the 1980s the prevailing view was that large-scale detectors for high-luminosity colliders were impractical. Today they are taken for granted as a key component of current and future detectors. Many problems were solved, but future detectors will face even greater challenges. This talk reviews the technical and sociological hurdles that were overcome, summarizes the current status, and discusses what we may have learned to facilitate future designs.