



1912 - Einstein at the Crossroads between Quantum- and Relativity Physics

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The talk will review the situation of physics around 1912. It will also provide a snapshot of Einstein's busy life in this period. The year 1912 represents a turning point for both, Einstein and the history of physics. Einstein recognized the role of the metric tensor as a representation of the gravitational potential and hence made fundamental step towards general relativity. Around this time also the awareness grew that the quantum problems required a fundamental revision of classical physics. Einstein temporarily turned away from these problems, but not without continuing to make fundamental contributions to the emerging new quantum physics. *

*On the basis of a new analyses of Einstein's unpublished manuscripts a close-up view of this dramatic period is reviewed.