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Sommario/riassunto	Managing time and events is central in various fields from IT, circuits and software embedded in objects of all kinds to musical creation, including the simulation of physical phenomena. This subject is however little treated by traditional data processing. This lesson presents models of time and events associated with new programming languages. It deals with the notions of thickness of the instant, of hierarchical and multiform time created by the repetition of events, and of the real time / continuous time relationship.