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COMPUTING STRATEGY OF THE AMS-02 EXPERIMENT

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The Alpha Magnetic Spectrometer (AMS) is a high energy physics experiment installed and operating on board of the International Space Station (ISS) from May 2011 and expected to last through Year 2024 and beyond. The computing strategy of the AMS experiment is discussed in the paper, including software design, data processing and modelling details, simulation of the detector performance and overall computing organization.

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