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30 years of solar wind from the Charge, Element, and Isotope Analysis System (CELIAS) onboard the Solar and Heliospheric Observatory (SOHO)

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The solar wind is a continuous stream of charged particles emitted by the Sun. Its properties are determined by the conditions in the solar corona. The solar wind contains the transition from a collisionless to a thermalized plasma. Thereby the solar wind provides the opportunity to investigate fundamental plasma processes and give insights into the solar corona. SOHO celebrates his 30th anniversary this year and some of the particle instruments of CELIAS are still operational. Here, we give a short overview in solar wind science with SOHO/CELIAS.

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