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## Multi-spacecraft observations of solar energetic particles - An interplay of acceleration, injection and transport

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The STEREO mission in combination with close to Earth observatories have provided us with a wealth of multi-spacecraft solar energetic particle (SEP) observations. The measurements contain a large variety with intensities varying over several orders of magnitude and energies from suprathermal up to the GeV range. The angular width of the events varies as well with short-lived anisotropic spike events, usually only observed at a single spacecraft, up to events where the SEPs spread all around the Sun. The reason for this variability is likely not only the event to event variation of the acceleration, injection, and transport processes but also the complex interplay between these. To disentangle the different effects, multi-spacecraft observations and directional intensity measurements are of high importance. We will present and discuss observations as well as state-of-the-art transport modeling.