

## Results of wave observations during Cluster Inner Magnetospheric Campaign

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The study of the growth and evolution of waves and structure that typically occur within the inner magnetosphere requires multipoint measurements at small separation distances. The Cluster Inner Magnetosphere Campaign was aimed to provide closely spaced (down to separations of the order of  $10^1$  km) measurements of waves at high temporal resolution. This enables the investigation of composition of the turbulence, its dispersion, linear and nonlinear processes that contribute to the wave field, and interaction with the local plasma populations. Results of Cluster Inner Magnetospheric Campaign related to Equatorial Noise, EMIC waves and other emissions are reviewed.

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