

Properties of interior of the comet 67P/C-G measured by CONSERT experiment on Rosetta mission.

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Consert experiment is a bistatic radar that transmitted 90MHz radio signal between the lander Philae and orbiter, through the "head" of the comet. This experiment has been run after the landing of Philae on the comet. The explored part of the comet permits us to measure the permittivity of the interior. We have been able to determine the structure and the probable composition of the cometary interior, by using Consert's measurements and the dielectric properties of ices and chondrites. In our presentation we will describe measurements and discuss the results concerning the cometary interior.