

Plasmasphere Brainstorm Meeting

ESA HQ, Paris

July 16, 2004

D. L. Carpenter

Whistler mode and Z mode probing of the plasmasphere and low altitude polar regions from satellites

Plasmasphere Dynamics

J. Goldstein and B. R. Sandel

Global plasmaspheric evolution during erosion.

V. Pierrard, J. Cabrera, and J. Lemaire

Formation and deformation of the plasmopause: comparison between numerical simulations and IMAGE observations

F. Darrouzet, P. M. E. Décréau, J. De Keyser, V. Pierrard, I. Dandouras, D.

L. Gallagher, B. R. Sandel, A. Masson, and J. Lemaire

Preliminary study on plasmaspheric plumes: Cluster and Image observations

H. B. Vo

Possible ionospheric signature of plasmaspheric plumes.

I. Dandouras, V. Pierrard, J. Goldstein, C. Vallat, G. K. Parks, C. Guillard, F. Sevestre, and H. Rème

Ion distributions in the outer plasmasphere and in the detached plasma regions: Cluster-CIS observations

N. André and J. Lemaire

Convective instabilities in the plasmasphere: existence of a plasmaspheric wind?



ELF/VLF Waves

O. Santolik, F. Nemeč, K. Gereová, E. Macusova, Y. de Conchy, H. Laakso, and N. Cornilleau-Wehrin

Equatorial noise emissions observed below the lower hybrid frequency close to the plasmapause.

O. Santolik, P. M. E. Décréau, J. S. Pickett, D. A. Gurnett, and N. Cornilleau-Wehrin

Discrete whistler-mode emissions observed by Cluster in the plasmapause density gradient.

J. Lemaire

Intense VLF emissions observed by Cluster near the geomagnetic equator, just outside the plasmasphere

A. Masson, U. S. Inan, H. Laakso, O. Santolik, and P. M. E. Décréau

Mid-latitude hiss in a notch shell?

S. Grimald and P. M. E. Décréau

Spatio-temporal observations of non-thermal continuum

New Tool

P. Décréau and G. Le Rouzic

L-shell – frequency Whisper spectrograms



Participants

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Last minute withdraw

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