

INTERNATIONAL EQUATORIAL ELECTROJET NEWS

SESSION 7.1 DU IAGA

SESSION 7.1, AUGUST 17th, 1993

General papers (chairman : R. Woodman)

8h30 - 9h00 : Equatorial Ionosphere Thermosphere studies during the IEEY (invited)

Dr. M. A. Abdu

9h00 - 9h30 : Equatorial Electrojet Modeling (invited) (?)

C. A. Onwumechili

9h30 - 10h00 : An overview on the study of the Equatorial Electrojet

Dr. C. J. Zamlutti

PAUSE : 10h00 - 10h15

American sector <190°E-330°E> (chairman : R. Woodman)

10h15 - 10h35 : International Equatorial Electrojet Year : The American sector (invited)

paper + poster

Dr. J. H. Sobral

10h35 - 11h50 : Some preliminary results from and future plans for IEEY related aeronomy campaigns in Brazil

M. A. Abdu, I.S. Batista, N. B. Trivedi, T. Kitamura, P. Muralikrishna, E. R. de Paula, J. H. Sobral

11h00 - 11h25 : Preliminary results and analysis of the geomagnetic observations obtained by the IEEY Peruvian chain

M. Ishitsuka, O. Veliz, H. Palza, R. Rodriguez

11h25 - 11h50 : Equatorial Electrojet studies in Brazil

N. B. Trivedi, L. M. Barreto, R. P. Kane, J. Nunes

11h50 - 12h15 : Concurrent incoherent and coherent radar observations with the Peruvian magnetometer network

R. Woodman, O. Veliz

11h25 - 11h 50 : Study of field aligned currents above the magnetic equatorial region of Peru

paper + poster

J. Rojas, J. A. Bravo

PAUSE : 12h30 - 14h00

Asian sector <60°E-190°E>, and global (chairman : M. Menvielle)

14h00-14h25 : International Equatorial Electrojet Year : The Asian sector (invited)

paper + poster

B.R. Arora

14h25 - 14h50 : Current distribution models for EEJ and CEJ along Indian sector

B. R. Arora, M. V. Mahashabde, Rajesh Kalra

14h50 - 15h15 : Optical investigations of the equatorial electrojet processes

R. Sridharan, D. P. Raju, R. Raghavarao

15h15 - 15h40 : Magnetic field observations from the magnetic experiment on board the TSS-1 satellite during the equatorial crossings

F. Mariani, R. Agresti, M. Candidi, S. Orsini, R. Terenzi, M. Acuna, P. Panetta, G. Musmann, M. Rahm, H. Kugler, N. F. Ness, F. Neubauer

PAUSE : 15h40 - 16h00

African sector <330°E-60°E> (chairman : M. Menvielle)

16h00 - 16h20 : International Equatorial Electrojet Year : The African sector

paper + poster

Dr. C. Amory-Mazaudier et al.

16h20 - 16h45 : A radio interferometry ionospheric sounding experiment to study the equatorial irregularities for the International Equatorial Electrojet year

E. Blanc, G. Ferrand, A. Lavedrine

16h45 - 17h10 The equatorial ionosphere : first results from ionospheric soundings obtained at Korhogo during the IEEY

A. K. Toka, P. Vila, F. Jullien, C. Amory-Mazaudier, R. Hanbaba, J. Henry

17h10 - 17h35 : The equatorial electrojet at African longitudes : Preliminary results from magnetic measurements

V. Doumouya, J. Vassal, Y. Cohen, O. Fambitakoye, M. Menvielle

17h35 - 18h 00 : A first description of the variations in telluric potentials associated to the equatorial electrojet at African longitudes

K. Boka, J. Vassal, M. Menvielle, O. Fambitakoye, Y. Cohen