Technical Sessions February 7, 2010

Venue: Hotel Hindustan International, Maldahiya, Varanasi

Oral Presentation

Themes:

VI. Emplacement mechanism of dykes
VII. Geochronology of dykes,
VIII. Synplutonic mafic dykes
IX. Alkaline dykes
X. Dyke swarms and planetary bodies
XI. Links to mineralization
XII. Miscellaneous

Chairpersons:
Head, James, Prof.
Lal, R. K., Prof.
Rai, A. K., Mr.

Time (in hrs)	Title of paper	Author(s)
8.30-8.50	**Keynote address:** Dyke Emplacement on the Terrestrial Planets: Insights into Geological Processes and Planetary History	**Head, James W.** and Wilson, L.
8.50-9.10	**Keynote address:** Geochemistry and Nd isotope study of synplutonic mafic dykes from 2.55-2.52 Ga granite plutons in the Eastern Dharwar craton, southern India: Implications for magma chamber processes and geodynamic evolution	**Jayananda, M.**, Miyazaki, T., Gireesh, R. V. and Kano, T.
9.10-9.30	**Invited talk:** Mineralogy of the P2-West "kimberlite, Wajrakarur, A.P, India	**Mitchell, Roger**
9.30-9.42	Magma partitioning into intrusion and eruption: comparison between analog experiments and observations	**Takada, Akira**
9.42-9.54	Propagation of dyke filled with gas-saturated magma	**Maimon, Ornit**, Lyakhovsky, V., Melnik, O., Navon, O.
9.54-10.06	Diamondiferous kimberlites in central India synchronous with Deccan flood basalts	**Lehmann, Bernd**, Ray Burgess, Dirk Frei, Boris Belyatsky, Datta Mainkar, N. V. Chalapathi Rao and Larry M. Heaman
10.06-10.18	Diopsidites and rodingites, two different results of Ca metasomatim in the Oman ophiolite mantle	**Python, Marie**, Shibata, T., Yoshikawa, M. and Arai, S.
10.18-10.30	PGE Exploration Studies in India	**Balaram, V.**
10.30-10.42	Microscopic evidence of slab melting at the eastern convergent boundary of the Indian plate: A preliminary report on formation of migmatitic leucocratic granitoid vein in quenched basalt and its bearing on late felsic rocks associated with base metal (Cu-Mo) mineralization in the Naga Hills ophiolite, Northeast India	**Ghose, N. C.** and Agrawal, O. P.
10.42-10.54	Xenolith bearing dykes from the Deccan Traps: Implications for basement configuration and crustal contamination	**Duraiswami, Raymond A.**, Nitin R. Karmalkar, Michel Gregoire,

		Mathieu Benoit, Guillaume Delpech and Chandrakant Bhoyar,
10.54-11.06	Xenoliths in the lamprophyre and picrobasalt dykes of Bakhatgarh – Phulmal area, Jhabua district, Madhya Pradesh, India	**Randive, K. R.**

11.10-11.30	**Tea-break**

Concluding Session 11.30 – 12.30

Lunch-break 13.00