

28th
International Conference
on Lightning Protection
(ICLP 2006)

September 18-22, 2006



KANAZAWA-JAPAN

Volume I

Proceedings



Experimental Verifications on the use *of* Natural Components *of* Structures as part *of* a LPS.

Sueta, Hélio Eiji, *University of São Paulo*; Burani, Geraldo Francisco, *University of São Paulo*; Leite, Duílio Moreira, *ENCONTRE ENG.*; Grimoni, José Aquiles Baesso, *University of São Paulo*

Abstract -*This* paper presents the results of several experimental verifications on the use of natural components of structures as part of a lightning protection system (LPS) as the metallic tiles, reinforcing steel in the buildings foundations and steelwork within reinforced concrete columns.

Index Terms - Air terminals, down conductor. lightning protection. metallic tiles, reinforcing steel in the buildings foundations, steelwork within reinforced concrete columns.

Contact Address:

Hélio Eiji Sueta, PhD
Electrotechnical and Energy Institute of São Paulo University Av. Prof. Luciano Gualberto, 1289, Cid.
Universitária, S.P., Brazil E-mail: sueta@iee.usp.br