

**GROUND'2010**  
**&**  
**4<sup>th</sup> LPR**

*International Conference on Grounding and Earthing*  
**&**  
*4<sup>th</sup> International Conference on*  
*Lightning Physics and Effects*  
*Salvador - Brazil* *November, 2010*

**COMPARATIVE ANALYSIS OF LPS DESIGNS DEVELOPED IN ACCORDANCE WITH BOTH  
ABNT NBR 5419/2005 AND IEC 62305/2006**

**Sueta, H. E.<sup>1</sup> Grimoni, J.A.B.<sup>1</sup>**  
Instituto de Eletrotécnica e Energia da USP<sup>1</sup>

**Modena, Jobson<sup>2</sup>**  
Guismo Eng<sup>2</sup>

**Oliveira, J. Barbosa<sup>3</sup>, Alves, Normando V.B<sup>3</sup>**  
Termotécnica Para-raios<sup>3</sup>

This paper presents a comparison between designs developed according to ABNT NBR 5419/2005 and IEC 62305/2006. The latter has been taken as the basis for the revision of the Brazilian standard.