

**X International Symposium on  
Lightning Protection – X SIPDA**  
*9<sup>th</sup>-13<sup>th</sup> November, 2009 – Curitiba, Brazil*

**DEVELOPMENT OF A VOLTAGE IMPULSE GENERATOR MODEL AND  
A BUILDING MOCKUP WITH A LPS FOR INSTRUCTIONAL PURPOSES**

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Abstract – The present work shows a development of a educational kit composed by a high voltage impulse generator (Marx Generator type) in reduced size model and a mockup simulating a building. This small structure has also a Lightning Protection System in the reduced size model. This educational kit is used to simulate the lightning discharge in a building.