



## GROUP OF LIGHTNING PROTECTION +

The group deals with the subject of lightning protection and correlated area namely electromagnetic compatibility as well as particular issues of electronic and electrical apparatus security. Research interests include and are not limited to: risk management, protection measures selection, protection measures installations, laboratory tests, computer simulations and individual investigation of lightning danger.

### REPRESENTATIVE

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### CURRENT LIST OF PUBLICATIONS

#### PUBLICATIONS (SELECTED)

Lo Piparo G.B., Kisielewicz T., Mazzetti C., Rousseau A.: An approach to assess the probability of damage when a coordinated SPD system is installed, International Conference on Lightning Protection 2014, October 13-17, 2014 - Shanghai, China

Kisielewicz T., Lo Piparo G.B., Mazzetti C., Rousseau A.: Dimensioning of SPD for the protection against surges due to lightning to LV overhead lines, International Conference on Lightning Protection 2014, Oct. 13-17, 2014 - Shanghai, China

Kisielewicz T., Lo Piparo G.B., Fiamingo F., Mazzetti C., Kuca B., Flisowski Z.: Factors affecting selection, installation and coordination of surge protective devices for low voltage systems, Electric Power Systems Research, ISSN: 0378-7796, Vol. 113, August 2014

Kisielewicz T., Mazzetti C., Lo Piparo G.B., Kuca B., Flisowski Z.: Lightning electromagnetic pulse (LEMP) influence on the electrical apparatus protection, Przegląd Elektrotechniczny, ISSN 0033-2097, R. 90 Nr 01/2014

Kisielewicz T., Mazzetti C., Lo Piparo G.B., Kuca B., Flisowski Z.: Electronic Apparatus Protection Against LEMP: Surge Threat for the SPD Selection, International Symposium on Electromagnetic Compatibility 2012, Rome, Italy, (IEEE Xplore)

Amicucci G. L., Fiamingo F., Kisielewicz T.: Risk Assessment of Photovoltaic Installations, Due to Lightning, According to IEC 62305 – 2nd Edition, International Conference on Lightning Protection 2012, Vienna, Austria, (IEEE Xplore)

Kisielewicz T., Fiamingo F., Flisowski Z., Kuca B., Lo Piparo G.B., Mazzetti C.: Factors Influencing the Selection and Installation of Surge Protective Devices for Low Voltage Systems, International Conference on Lightning Protection 2012, Vienna, Austria, (IEEE Xplore)

Kisielewicz T., Mazzetti C., Flisowski Z., Kuca B., Fiamingo F.: Natural Danger of Nuclear Power Plants due to Lightning Strokes, International Nuclear Energy Congress 2012, Warsaw, Poland

Kisielewicz T., Fiamingo F., Mazzetti C., Kuca B., Krasowski D.: Impact of Overvoltage Shape Caused by Lightning Stroke on Sensitive Apparatus Protection by Means of SPD, Przegląd Elektrotechniczny, ISSN 0033-2097, R. 88 Nr 9b/2012

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Mazzetti C., Kisielewicz T., Fiamingo F., Kuca B., Flisowski Z.: Rational Approach to Assessment of Risk Due to Lightning for Nuclear Power Plants, Przegląd Elektrotechniczny, ISSN 0033-2097, R. 88 Nr 6/2012

Tarimer İ., Kuca B., Kisielewicz T.: A Case Study to Risk Assessment for Protecting Airports against Lightning, Electronics and Electrical Engineering, ISSN 1392-1215, 2012. No. 1(117)

Kisielewicz T., Kuca B., Flisowski Z., Fiamingo F., Mazzetti C.: Podstawy procedur szacowania i oceny ryzyka występującego w elektrowniach nuklearnych wskutek doziemnych wyładowań piorunowych, Ekoatom Nr 3/1 10-11.2011 - COSIW, Warsaw, Poland

Mazzetti C., Kisielewicz T., Fiamingo F., Kuca B., Flisowski Z.: On the lightning hazard and its reduction measures in nuclear plants, International Conference on Electromagnetic Disturbances 2011, Białystok, Poland

Kisielewicz T., Fiamingo F., Mazzetti C., Kuca B., Flisowski Z.: Selected problems of sensitive apparatus protection against lightning overvoltages by means of SPD, International Conference on Electromagnetic Disturbances 2011, Białystok, Poland

Kisielewicz T., Fiamingo F., Mazzetti C., Kuca B., Krasowski D.: Influence of lightning overvoltage shape on SPD characteristics for telecommunications and signalling networks, International Conference on Electromagnetic Disturbances 2011, Białystok, Poland

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Kisielewicz T., Kuca B., Flisowski Z., Fiamingo F., Mazzetti C.: Principles of risk assessment for the protection of nuclear power plants against lightning, International Nuclear Energy Congress 2011, Warsaw, Poland

Kisielewicz T., Kuca B., Flisowski Z., Mazzetti C., Fiamingo F.: Lightning protection in nuclear power plants: an overview on the protection measures, International Nuclear Energy Congress 2011, Warsaw, Poland

Krasowski D., Kisielewicz T., Kuca B., Flisowski Z., Fiamingo F., Mazzetti C.: On critical distance between an SPD and protected appliance with respect to their voltage coordination, International Conference on Lightning Protection 2010, Cagliari, Italy