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Static electricity discharge on a radiography plate

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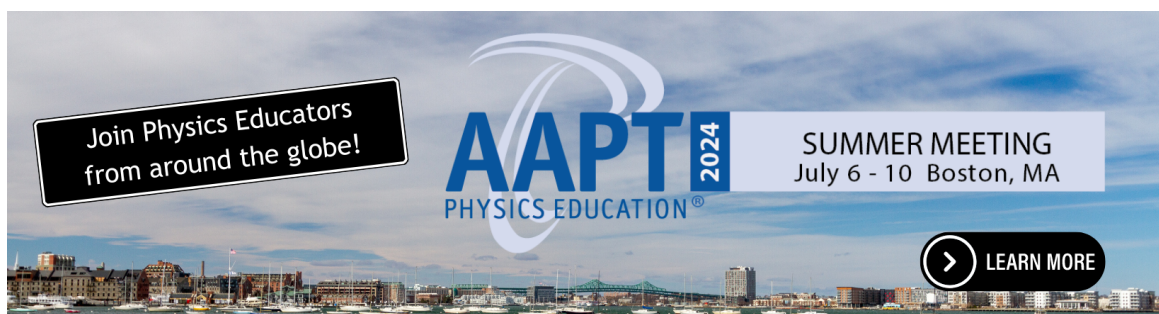


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Fig. 1. Photograph provided by SCI Control e Inspección S.A., Zaragoza.³ Special thanks to Nacho Arnas.

Static electricity discharge on a radiography plate

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Static electricity, often attributed to the triboelectric effect,¹ entails the transfer of electric charge through contact between two bodies. The accompanying figure illustrates the impact of static electricity discharge on a radiography plate, revealing a distinctive pattern similar to that observed in wood subjected to high voltage or in human bodies struck by lightning (Lichtenberg figures).²

References

1. S. Pan and Z. Zhang, "Fundamental theories and basic principles of triboelectric effect: A review," *Friction* 7, 2–17 (2019).
2. B. Lerner, *The Lichtenberg Figures* (Copper Canyon Press, Port Townsend, 2012).
3. SCI Control e Inspección S.A., <https://scisa.es/>.