

Errata Slip #2

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In the paper “Losing the Car Keys: Wireless PHY-Layer Insecurity in EV Charging” by Richard Baker and Ivan Martinovic, University of Oxford (Wednesday session, “Planes, Cars, and Robots,” pp. 407–424 of the Proceedings) the authors have provided a clarification to Section 7 “Real-World Measurement Campaign”:

While it was stated that the three vehicles we observed implemented the ISO15118 standard, they instead implemented the DIN70121 standard [1], a derived subset of ISO 15118 that does not require the use of TLS and does not provide additional features beyond charging control. At a physical communication level, the standards are the same and our claims apply equally to both. No observed behaviour violated the standards chosen by the implementers. We nevertheless consider our statements about the security properties afforded by both DIN 70121 and ISO 15118 to be valid.

References

- [1] Electromobility - Digital communication between a D.C. EV charging station and an electric vehicle for control of D.C. charging in the Combined Charging System. Standard, Deutsche Institut fr Normung, 2014.