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Soggetti	Electrical engineering Computer security Application software System safety Communications Engineering, Networks Systems and Data Security Information Systems Applications (incl. Internet) Security Science and Technology
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Basics -- Exemplary Use-Cases -- Related Work -- Tagging -- Card Emulation -- Software-based Relay Attacks on Existing Applications -- Summary and Outlook.
Sommario/riassunto	This work provides an assessment of the current state of near field communication (NFC) security, it reports on new attack scenarios, and offers concepts and solutions to overcome any unresolved issues. The work describes application-specific security aspects of NFC based on exemplary use-case scenarios and uses these to focus on the interaction with NFC tags and on card emulation. The current security architectures of NFC-enabled cellular phones are evaluated with regard

to the identified security aspects.

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