i/k-Contact: a context-aware user authentication using physical social trust

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Concept (1)

- Uses (not only “cyber context information” but also) “physical trust relationship” that is built by visual contact between a user and the surrounding users.

Oh, that is Mr. A!
i-Contact: Outline(1)

- When employees are present in the same room or walking by in the corridor, their smart phones display information about being a neighbor to each other with alert.
Each user confirms that the displayed user is really a legitimate neighbor.
i-Contact: Outline(3)

- If neighbor is not the displayed user, there is the possibility that malicious user has stolen the phone.