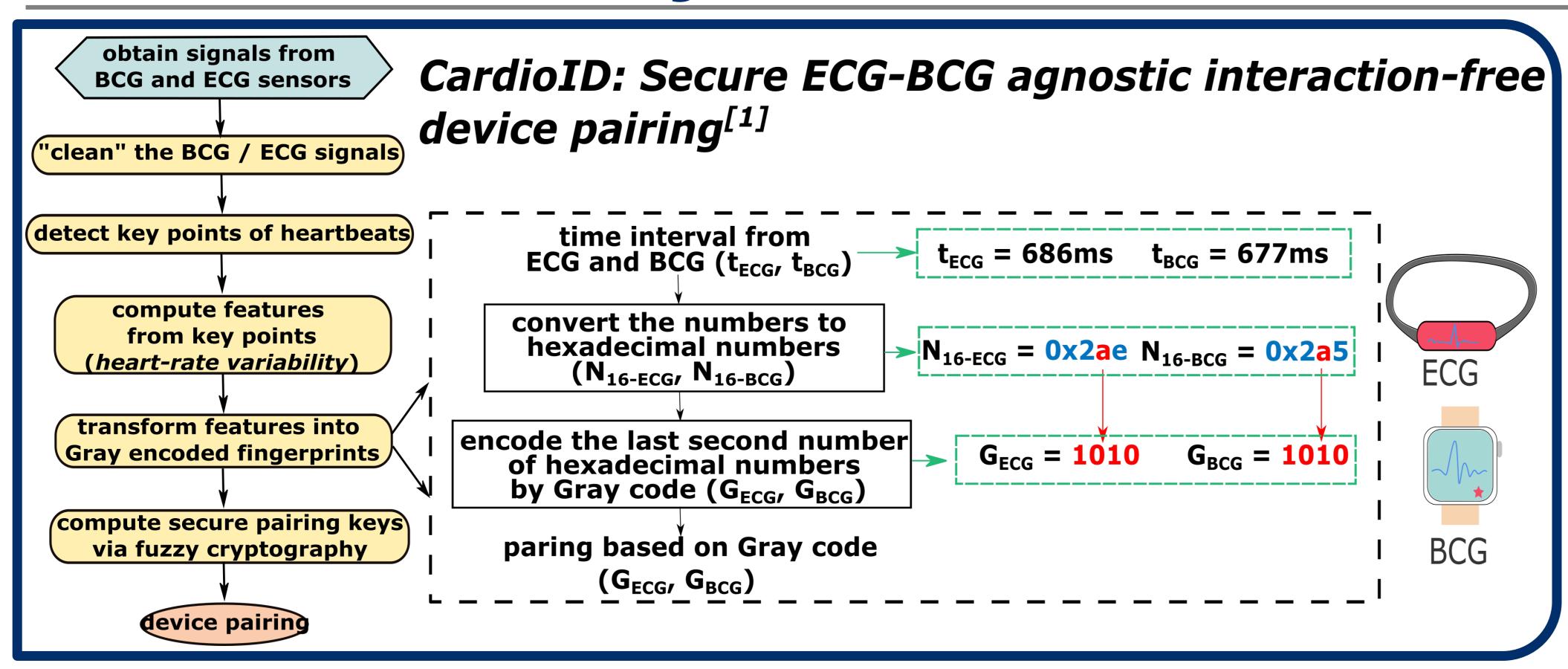
Si Zuo, Stephan Sigg

Usable security enhancements on smart devices



On-body smart devices

- Devices: fitness / medical wearables
- Attack: identity theft, data breach
- Solution: secure devices paring with BCG and ECG signals by extracting heart rate variability.

Interactable smart devices with gestures

- Devices: drones
- Attack: device hijacking
- Solution: personalized

gestures for device control through motion transfer.

