## Intro

Preparation for biometrics seminar in PV181

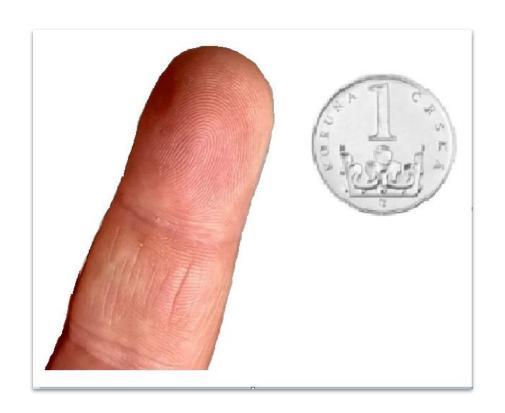
#### Content of the biometrics seminar

- Theory about biometrics and fingerprints
- Fake fingerprint creation from the photo
- Prepare the needed software in advance (you will receive an email)
- You can get bonus points :)

# How to take a photo of fingertip

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## Example of the expected result



## Avoid blurred parts

Only the middle area of the finger is visible.



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#### Avoid shades

Only the middle area of the finger is visible because of the shades at the bottom and the blurred part upward.



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## Capture the whole fingertip

Only half of the finger is visible.

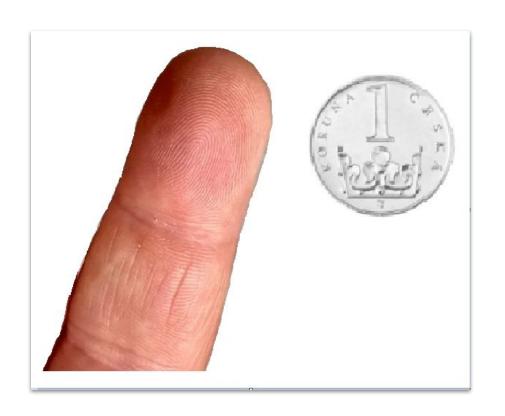


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## Good example:)



#### Coin as a size estimator



## Coin position

Coin distance matters!



- Place the coin at the same level as the fingertip
- Use several coins

