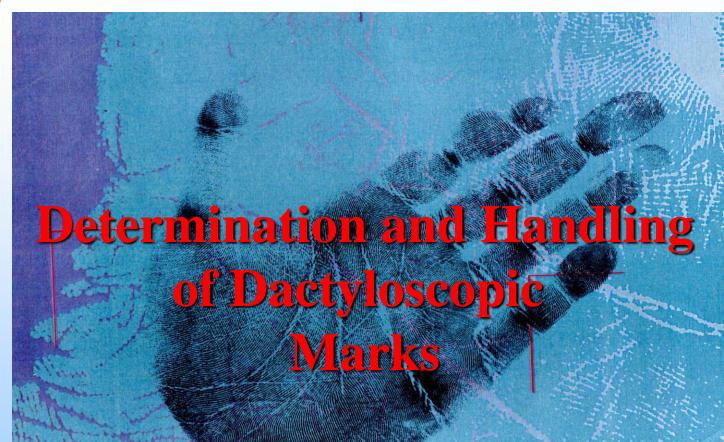
Büro für Daktyloskopie dewiselle





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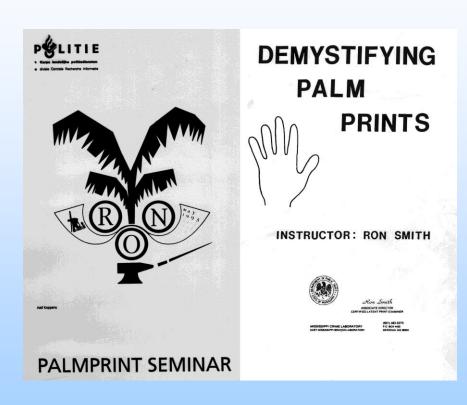
1. Introduction

- Hands up, what fingerprint examiner has never come across a friction ridge mark whose position in the friction ridge skin he is unable to determine beyond doubt when analysing evidential material?
- Does the mark stem from a finger or thumb joint, a palm, or even the sole of a foot or a toe?

- This introduction is meant to help fingerprint examiners determine both the ridge skin area which caused the print pattern and the direction from which same was laid down.
- Thus, the time required for searching and comparing prints can be reduced while the probability of finding matches increases.

- Can an image and/or colour reversal of the ridge skin impression be ruled out?
- Is the print in its correct position, i. e. looked at in the direction from which it was caused?
- If these questions cannot be answered, it can be difficult and time-consuming for fingerprint examiners to compare or search prints, not only manually, but also in the AFIS.

- This presentation is based not only on knowledge gained from personal experience in over twenty years of dactyloscopic work, but also on the experience of other experts working in this field, who have shared their knowledge with the author.
- I would thus like to extend a special thanks to the following colleagues:



- the organisers of the CRI at the Netherlands Police who carried out a palm print seminar in May 1993,
- Mr Ron Smith from the Mississippi Crime Laboratory, USA, who was the instructor at that seminar,



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Harald Weisel, October 2005

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Harald Weisel, Fingerprint Expert