

The Geometry of Crime Scenes - Some Case Studies

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SUMMARY

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Today the technical investigation of a crime scene is a complex and sophisticated multi-disciplinary technical challenge. The main element today is of course the detection of potential DNA-traces, but there are also important geometrical aspects like the documentation of the entire geometry of the scene or very detailed questions like the position, size and orientation of blood splatter.

The State Office of Criminal Investigation of Baden-Württemberg (Germany) is using modern surveying technology like laser scanner, Total Stations and GNSS for an efficient and accurate capture of all necessary data, which is needed for a reliable reconstruction of the sequence of the events.

The way how we are working and what type of results we achieve will be explained in an illustrative way based on real cases. Finally we will give an outlook to the future presentation of the relevant results based on Virtual reality (VR).

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