



Sequence of Entries Determination – New Approach to Additional Print

Presenter(s) / Leader(s) / Moderator(s):

Martina Lunakova (presenter), Antonin Korynta (assistant), Katerina Jelinkova (assistant)

Target audience: experts

Maximal number of participants: 40

Minimum number of participants: 5

Duration of workshop: 2 hrs

Based on our casework and thanks to research projects at the ICP we have been improving a method that can help us analyze the sequence of electrophotographic print and handwritten entries despite the absence of intersecting handwritten strokes with printed items. Usually the solution of such cases was not possible before.

The presented method uses nondestructive optical way of analysis. We take advantage of the electrophotographic technology weakness – poor toner transfer on structured substrates.

Research confirmed that during consequent print a sheet of paper with indented written strokes is covered with random toner particles but that there are less particles in the area of the strokes. Statistical comparison of the toner particles occurrence inside and outside of the strokes is the way to state a conclusion.

During this workshop we will focus on the examination process. The method called “Sequence Determination of Handwriting and Elektrophotographic Print According to Distribution of Toner Particles“ will be demonstrated step by step.