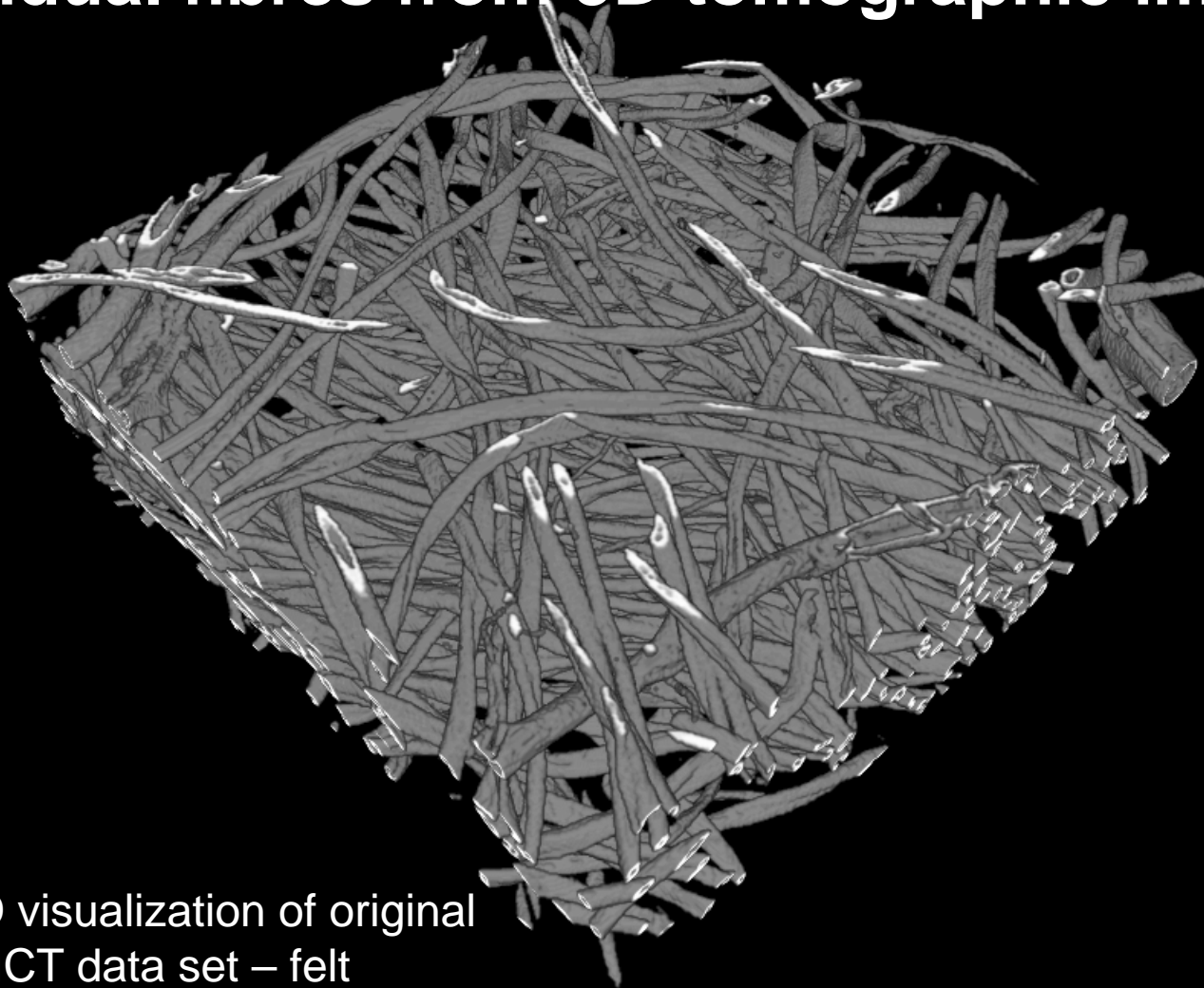


An automated method for recognizing individual fibres from 3D tomographic images

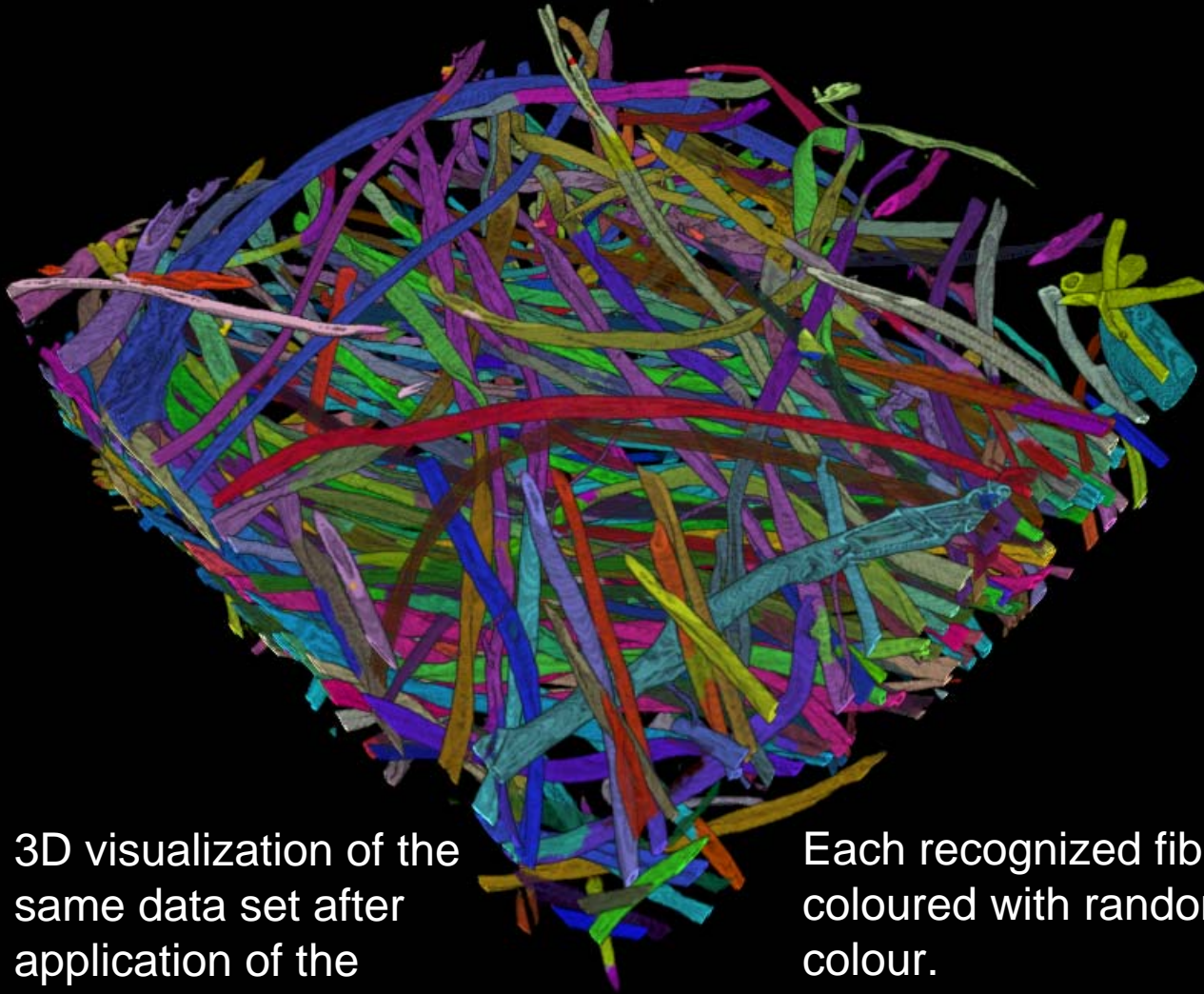


3D visualization of original
X μ CT data set – felt
material, 0.7 μ m resolution

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3D visualization of the same data set after application of the presented algorithm.

Each recognized fibre coloured with random colour.



The algorithm facilitates various measurements:

- Inter-fibre contact area distribution
- Free fibre length distribution
- Shape of individual fibres
- etc.

