



Measuring the bonded area of individual fiber-fiber bonds

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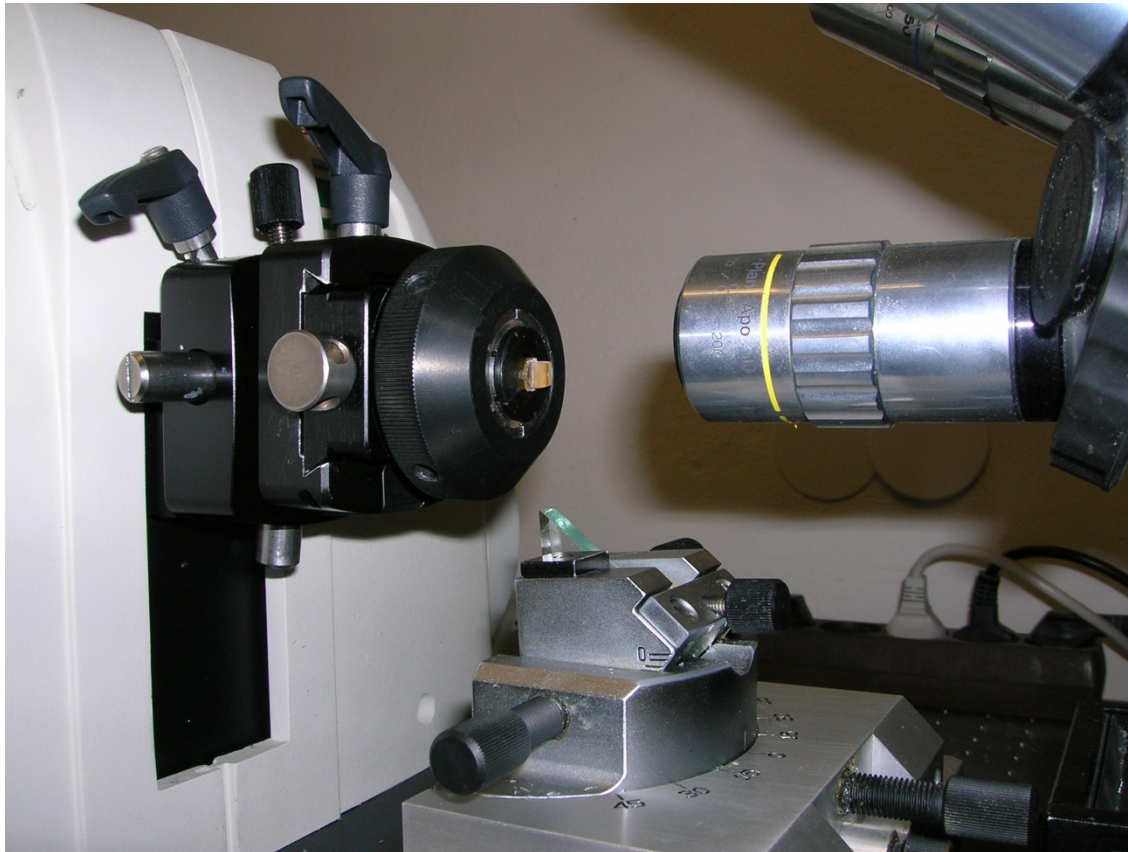
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Imaging of the samples

- The samples are embedded and serially sectioned with a microtome



Cutting direction

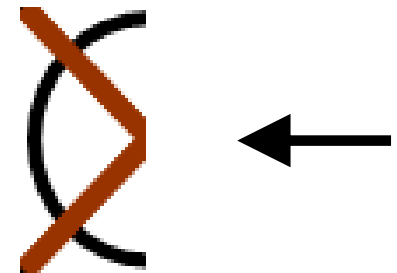
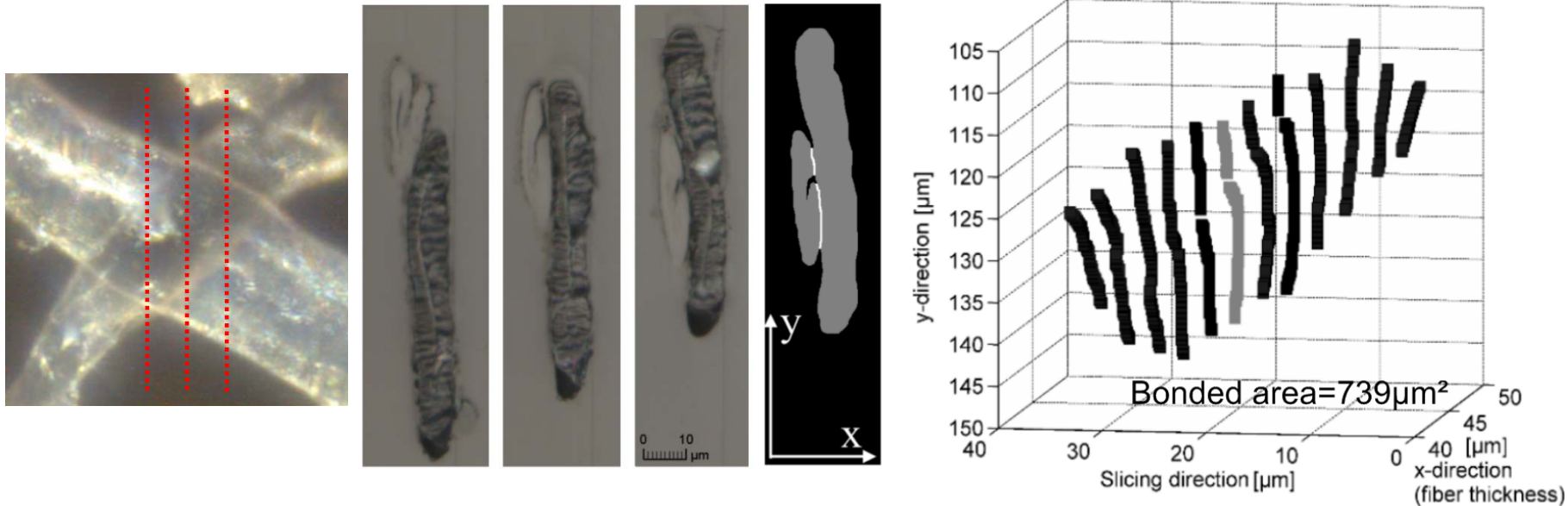




Image analysis



- Measurement of bonded area together with morphological parameters
 - Fiber wall thickness, fiber cross sectional area, fiber perimeter, fiber width, fiber collapse, crossing angle, degree of bonding
- Influencing factors on size of bonded area