

## TITLE

Yarn development from Lyohemp<sup>®</sup> - first hemp based Lyocell fibre

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## REFERENT

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## ABSTRACT

Dissolving pulps made of alternative sources acquire more and more importance for covering the increasing requirements for cellulose pulp and man-made fibres (CMF) in the future.

The lecture will present results of company driven projects for yarn and fabric development from man-made Lyocell fibres based on organically grown annual plants (OG hemp)

For this purpose the presentation follows the path from

- - the textile physical properties of Lyocell fibres from hemp pulp compared to native hemp fibres
- - yarn development up to 10 tex (Nm 100) yarn counts,
- - yarn development of fibre mixtures with native hemp fibres,
- - exemplary fabric development by knitting processes.