

Cellulose Fiber Conference  
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## **LIST Abstract**

### *Processing Technology for BioSAP*

The presentation will introduce a processing technology platform often used for the polymerization of alternative BioSAP.

The technology has already been successfully proven for acrylic-acid-based SAP at large industrial scale and is available at lab scale.

Processes for the manufacturing of SAP from cellulose or starch appear to require similar processing technology capabilities like the AA based SAP process, namely a continuous process which begins with a liquid feed and undergoes a viscosity increase followed by solidification and typically followed by granulation in a single, continuously operated equipment which continuously discharges the granulated product.

The presentation intends to inform the industry about processing capabilities which are little known and which are now also available at true lab scale to inspire R&D towards efficient processing concepts as sustainable and economical processes.

The presentation will be held by Roland Kunkel, Product Manager SAP.