

## **The Borealis technologies suite – toolbox for innovative solutions beyond common polyolefin applications.**

Franz Langhauser – Director Research

Based on the set of technologies Borealis can provide complete polyolefin solutions to markets and applications, which are not seen as classical for Polyolefins. Combining the ability to manufacture a broad series of PO types from high stiffness to lowest density and elastomers/plastomers with post treatment technologies for i. e. increased melt strength, advanced packaging, lightweight construction and recyclability allows unlocking new application fields beyond typical Polyolefin applications. Borealis is strongly focussing on developments with value chain partners enabling a customer centred development approach. The presentation will provide an overview of the Borealis technology suite and provide examples for efficient solutions combining our technologies with material science and customer insight.

- Easy processing, halogen free flame retardant PP with 125°C classification for automotive wiring.
- Borealis Quentys solutions for solar panels to combine advanced material properties with advantages during the manufacturing process.
- Single PO solutions enabling improved recyclability as part of Borealis' strategy to continuously develop sustainable solutions - underpinned by our "STOP" initiative to reduce marine littering.