
Title: **Changing the World of Print**

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Curriculum:

Bart de Koning has more than 30 years of experience in wideformat- and document printing product development and education for Océ-Technologies B.V.. He is currently responsible for managing the portfolio of research projects that Océ runs in partnership with universities and research institutions. During the almost 23 year of R&D employment, he deployed his expertise in mechatronics and embedded software development, stood at the cradle of Océ's digital image processing and color technology and was as a department manager responsible for Information and Product documentation management. He was during a period of 10 years responsible for education of Océ's worldwide Service force and innovated learning methods by introducing Virtual reality training concepts. Late 2016 he went back to R&D to take up his current role as Manager external partnerships R&D.

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Curriculum:

Chris Smit started his career at Océ-Technologies in 2012 as ink interaction researcher in product development, where he took part in development of the ink released with the Varioprint i300, Océ's first cut sheet inkjet printer utilizing latex ink. He went onto becoming part of the technological development team where he was investigated the next ink release as well as further releases of the inks for the Varioprint i300 platform. After three years he became lead technologist and currently coaches an early phase development group, looking into new (ink) avenues and is responsible for introducing high throughput methodologies in his domain. He takes part in a number of activities taking place between Océ and external parties such as the WUR and gives in house courses for Océ employees.

Abstract:

Océ has a clear sustainability vision with a focus on achieving a closed cycle (Cradle to Cradle philosophy). The sustainability mission statement as such is an ideal support for utilization of biobased performance materials in Océ products. Canons corporate philosophy Kyosei strengthens this further. Sustainability is an integral part of the Canon roadmap. In

recent years, for Océ's Varioprint i300 platform in 2015, Océ developed an aqueous latex ink. While the amount of interactions taking place with and within latex inks put a high demand on any biobased performance material utilized in the ink, there is much to gain due to the product being a consumable that impacts the sustainability of each print made with it. The presentation will focus on both Océ sustainability vision, activities and challenges encountered.
