

Session IV: Ink-jet Technology

Digital inkjet printing on textiles with vat dyes

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Robert Christie is Professor of Colour Chemistry & Technology in the School of Textiles & Design of Heriot-Watt University, Scotland. His career has included periods in industry with Ciba and Dominion Colour Corporation and nearly 30 years as an academic at Heriot-Watt University. His research interests are highly applied in nature and industry-focussed. The most important topics are organic pigments - molecular and crystal design in relation to application performance, fluorescent dyes, hair dyes, colour change technology, inkjet printing and environmental issues in textile coloration. Prof. Christie also collaborates with designers at the design/technology interface. He has published 5 textbooks, including the very successful Colour Chemistry published in 2001 by the Royal Society of Chemistry, and more than 100 journal articles and patents on various colour chemistry topics. He is a regular presenter at international conferences. He has considerable experience of consultancy on aspects of colour chemistry with many large multinational companies involved in colour manufacture and with small companies with niche interests in colour technology.

