

# Ink Jet - Commercial Printing, Graphic Arts, Wide Format: Trends & Directions

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## **Abstract**

This talk will focus on aqueous ink technology and its place in the world of industrial printing. As such, it will encompass the role of media for paper and commercial / industrial solutions based on piezo and thermal inkjet print head technologies and the inks associated with these applications. A discussion of the advantages and disadvantages of aqueous based solutions compared to both solvent-based and UV-curing inks as solutions to particular problems will be included. The talk will conclude with some commentary on recent developments and what this might indicate about future developments

## **Biography**

After graduating from Manchester University in England in 1960 with a Ph.D. in Polymer Chemistry, Dr. Hudd spent eight years developing new solid polymer rocket propellants for air to air missiles with the UK Ministry of Defence. In 1987 he worked on developing a wide range of ink jet inks for diverse industrial applications as the Fluids Technology Manager for Domino Printing Sciences. Then in 1996 he founded Xennia Technology which is dedicated to developing new ink jet inks for both industrial and office applications on a contract basis. Dr. Hudd is the holder of several patents related to significant innovations in the industrial ink jet area. He has presented many tutorials on various aspects of ink jet.