

# Comparative Study Between Different Digital and Offset Litho Printing Systems

*George Nubar Simonian*  
*Printing Dept., Faculty of Applied Arts, Helwan University*  
*Cairo, Egypt*

## **Abstract**

This paper is a comparative study of the output quality and performance parameters, of ten of the most widely used digital colour printing presses and systems available on the market, and two offset litho printing systems, together with their visual assessment and acceptability tests, which can help as a basic comparative reference when taking decisions.

## **Biography**

George Simonian received his BA in Printing - Helwan University, Egypt in 1987; his MSc in Offset inks - Helwan University in 1994; his MA in Digital Imaging - London

College of Printing, UK in 1998; and PhD in Offset litho & Digital Printing - joint supervision - London College/Helwan University in 1999.

He is working as a lecturer at the Printing Dept., Helwan University, and as a Q.C. manager in the family's own offset printing house, since 1988.

He is also a part time deputy editor at PrintLink Int. magazine (UK) since 1989, and a weekly columnist in Egypt's first newspaper "El Ahram" since 2000. He is a member of IS&T, GATF, IOP and the technical office of Heidelberg's Print Media Academy in Cairo.

*See NIP17 Proceedings, 2001, pp. 813-819  
for full paper.*