



ZINK Imaging to Speak on Applications of Thermal Printing for Security at the Society for Imaging Science & Technology's NIP23 Conference

- WHO:** Dr. Fariza B. Hasan, Senior Principal Scientist, ZINK Imaging
- WHEN:** Wednesday, September 19, 2007
3:30 PM AKST
- WHERE:** 23rd International Conference on Digital Printing Technologies (NIP23)
Anchorage, Alaska
Society for Imaging Science & Technology
<http://www.imaging.org/conferences/nip23/>
- TOPIC:** Application of Thermal Printing Technology for Security Printing
- DESCRIPTION:** In this session, Security and Forensic Printing, Dr. Hasan will discuss security applications of direct thermal and thermal transfer printing methods, focusing on three main areas:
- Thermal printing can be used to create documents with embedded permanent images and texts as security codes, which are visible only under ultraviolet light.
 - Copying or scanning of the documents cannot reproduce these images.
 - Single sheet direct thermal process, in which the printed images gradually fade with time, can be used for creating documents for temporary identification. The length of time required for such fading can be controlled by proper selection of the components of the imaging systems.
- This is a focal paper of the session.

ABOUT ZINK IMAGING

ZINK Imaging, a privately held company, was founded to enable millions of customers to enjoy the magic of ZINK™ Zero Ink™ products. ZINK Imaging is headquartered in Massachusetts, with a state of the art manufacturing facility in North Carolina. For more information, please visit www.ZINK.com.

ABOUT THE NIP23 CONFERENCE

For more than two decades, NIP has been the preeminent forum for discussions of advances and new directions in non-impact and digital printing technologies. This comprehensive, industry-wide conference includes all aspects of the hardware, materials, software, images, and applications associated with digital printing systems, including drop-on-demand ink jet, wide format ink jet, desktop and continuous ink jet, toner-based laser printers, production digital printing systems, and thermal printing systems, as well as the engineering capability, optimization, and science involved in these fields. Novel imaging and applications such as nanoparticles, paper-like displays and digital art also have a place with us. As in 2006, NIP will be held in conjunction with Digital Fabrication 2007, a conference that explores the potential of digital printing technologies with new applications and materials that go well beyond traditional printing and have been used to produce MEMS and electronic devices. The conference is being held by the Society for Imaging Science.

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