

## Short Course Program Showcases Emerging Printing Technologies at 2018 Printing for Fabrication Conference

*Internationally recognized experts from industry and academia offer a wide range of introductory and advanced classes in the fields of digital printing and fabrication at the 2018 Printing for Fabrication Conference, September 23–27, in Dresden, Germany.*

### SPRINGFIELD, VA (PRWEB) SEPTEMBER 7, 2018

Leading experts in digital printing and digital fabrication innovation are set to gather in just a few weeks at [Printing for Fabrication 2018](#), the most comprehensive conference serving the inkjet printing and digital fabrication industry. To kick off the conference on September 23rd, the Short Course Program offers a variety of classes for everyone from students and engineers to market innovators and academics. This year's [program](#) offers six new courses that focus on emerging printing technologies—wearable electronics, textile printing, and more.

Some of the new courses include:

#### [Printing Opportunities in Wearable Electronics](#)

*The wearable electronics market is described in terms of a number of sectors including health care and clothing. This course outlines the benefits and opportunities that printing can bring to the fabrication of these devices, as an enabling technology for wide-area wearable electronics.*

#### [Technology of Textile Printing](#)

*Over the past few years, inkjet printing of textiles has attracted increasing interest and the market is growing rapidly. This course provides an introduction to digital textile printing, covering textile materials, dyeing, markets, and chemical textile treatments—with the focus set on digital textile printing.*

#### [Electron Beam Curing](#)

*Electron beam (ebeam) technology is an alternative energy-curing method to cure inks and coatings for a variety of applications. It is particularly advantageous for printing on food packaging where safety is paramount, but also in applications that require tough, scratch-resistant coating, such as outdoor panels, wood panels, and décor.*

In addition to the Short Course Program, the annual conference, organized by the [Society for Imaging Science and Technology \(IS&T\)](#), features six keynote speakers and four full days of

technical programming. The program focuses on cutting-edge engineering and research in inkjet-printing technology, digital printing, novel materials, printed electronics, bioprinting, digital fabrication, 3D printing, and more. View the [preliminary program](#) for specific details on what the conference has to offer.

The conference, cosponsored by the Imaging Society of Japan, also offers an [exhibit](#) along with [technology demonstrations by industry and academic participants](#) that showcase the latest developments driving next-generation printing products. Conference organizers have arranged for [two technology tours](#) on September 27<sup>th</sup>: **The Weißenborn paper mill**, which began a transformation in 1998 into the only fully-integrated production site worldwide for imaging papers (photo imaging and digital media); and the **Chemnitz Smart Systems Campus**, which concentrates many interesting R&D activities within walking distance of each other including: MEMS development, manufacturing, and applications; digital manufacturing in various industries (automotive, aero, optics, etc.); manufacturing of printed and hybrid electronics; and machinery and appropriate applications.

**About IS&T:** [The Society for Imaging Science and Technology \(IS&T\)](#) is an international professional non-profit dedicated to keeping members and other imaging professionals apprised of the latest developments in the field through conferences, educational programs, publications, and its website. IS&T programs encompass all aspects of the imaging workflow, which moves from capture (sensors, cameras) through image processing (image quality, color, and materialization) to hard and soft copy output (printing, displays, image permanence), and includes aspects related to human vision, such as image quality and color. The Society also focuses on a wide range of image-related applications, including security, virtual reality, machine vision, and data analysis. Follow us on Twitter [@ImagingOrg](#).

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