



LIT LECTURES - SCIENCE IN A NUTSHELL

**5 September 2018
13:00
Festsaal JKU**

Towards a Flexible, Scalable, and Transparent Thin-Film Camera

Recent findings in material science, mechanical and optical engineering, signal processing, and machine learning enable micro-scale cameras that hold tremendous opportunities for future imaging applications - a 1 mm thick foil camera.

Oliver Bimber
(LIT / Institute of Computer Graphics)

Sustainable Garment Production? The Impact of Rana Plaza

This talk will present current research results on the effectiveness of different labor standards governance initiatives developed in the global garment industry as a response to the deadly collapse of the Rana Plaza factory in Bangladesh in 2013.

Elke Schüßler
(Institute of Organization Science)

Enabling In-Silico Toxicogenetics Testing with Deep Learning

Scientific efforts to personalize toxicity models lead to severely inaccurate models. We present approaches to enable accurate personalized toxicity predictions with Deep Learning, self-normalizing neural networks and aggregation of genetic variants.

Günter Klambauer
(LIT / Institute of Bioinformatics)

**Coffee & Cakes provided.
Please register latest
by 3 September at
jku.at/vas**

**Upcoming LIT Lecture:
14 November 2018 | 13:00**