

Inkjet printing @ HYSPRINT – Introductory Workshop

Agenda:

10/04/2018: Seminar Room - Brook-Taylor-Straße 6

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| 9:10 – 9:15: | Welcome |
| 9:15 – 10:45: | Inkjet-printed Electronics 1
Emil List-Kratochvil (HU Berlin) |
| 10:45 – 11:15: | Coffee Break |
| 11:15 – 12:30: | Rheology and Surface Tension of Liquids, Surface Free Energy of Solids
Felix Hermerschmidt (HU Berlin) |
| 12:30 – 13:30 | Lunch |
| 13:30 – 15:00 | Inkjet-printed Electronics 2
Emil List-Kratochvil (HU Berlin) |
| 15:00 – 15:30 | Coffee Break |
| 15:30 – 17:00: | Inkjet Printing @ HYSPRINT
Eva Unger <i>et al.</i> (HZB) |

11/04/2018: HYSPRINT LAB - Brook-Taylor-Straße 6

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| 09:00 – 14:00 | Lab-Based Hands on Training on INKJET Printing (Lunch 14.00-15.00)

Introduction into basics of ink-jet printing <ul style="list-style-type: none">• Fundamentals of printing and functioning of print heads and printer• Printing of copper inks• Demonstration/hands-on training: surface energy determination and viscosity measurements• Demonstration/hands-on-training on inkjet-equipment of HYSPRINT (printer operation, setup and exchange of print heads, drop watcher investigations, optical microscopy inspection)
(Participants will be split into two groups for inkjet-printing and characterisation) |
| 15:00 – 16.00 | Visit of HYSPRINT LAB at HZB |