



SOURCE : TESA



SOURCE:: BAYER  
Material Science -  
Functional Films



Source: ROCHE - Diagnostics



SOURCE:: BASF

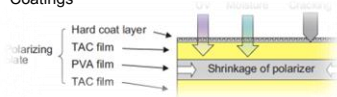


OLED @  
(PHILIPS & BASF INK)



Source: HOLST

Source:: BASF -  
Coatings



### Functional Films & Materials

Coatings, Optical Foils, Tapes  
Biosensors, Diagnostics

### Thin Film Printed Electronics

Organic Photovoltaic (OPV),  
Hybrid Solar Cells, OLEDs,



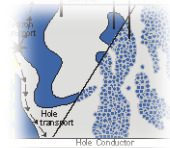
SOURCE :  
LOFO High Tech Film

### Thin Film Processing & Fundamentals

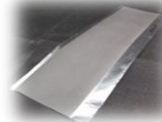
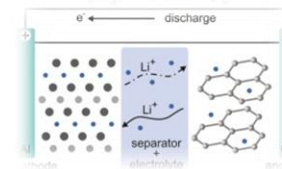
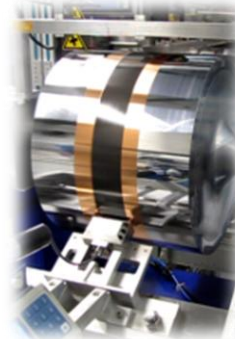
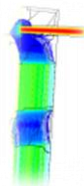
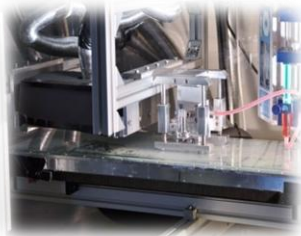
Modeling of coating and drying  
Numerical Simulations

### Battery Processing and Films

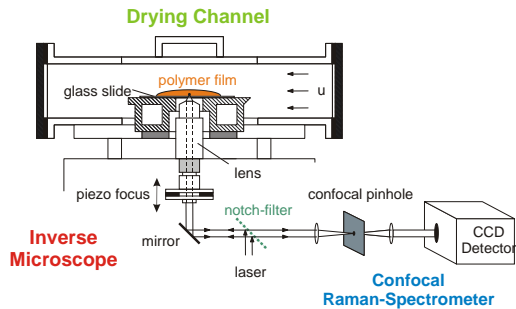
Li-Ion battery Electrodes, Multilayer  
Battery Coatings, Ceramic Membranes



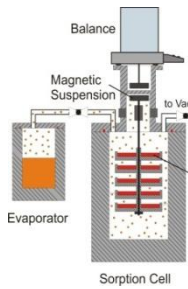
BAYER  
© Baydots



# Characterization tools

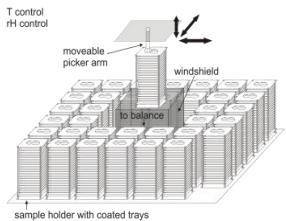


## Inverse Micro Raman Spectroscopy / 3D Raman

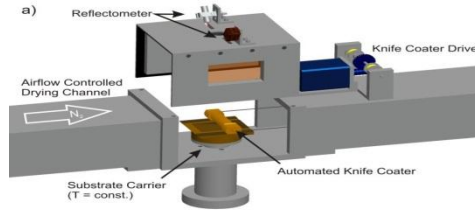


## Sorption & Diffusion

- Magnetic Suspension
- Quartz Crystal
- Full Automated

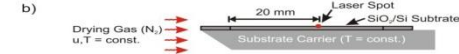


- Corona / Plasma
- Surface Treatment
- Wetting / Rheometry



## Drying Channel

- gravimetric
- in situ interferometry
- In situ GIXRD

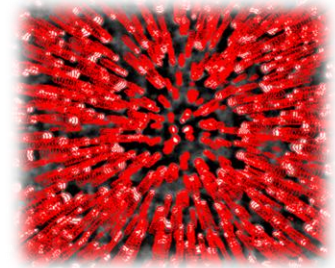
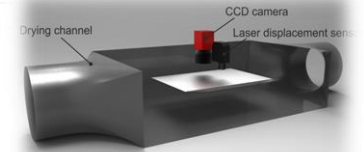


## Surface Analysis

- in situ / ex situ
- Dektak



- Lab Coater / Batch Coater
- (Mini) Slot Die Coating
- Multi Layer Slot Die
- Clean Room & Inert Coater



## Impinging Drying Nozzles

- Slot / comb nozzles
- TLC Test Equipment
- Heat & Mass Transfer experiments

