

The 2nd INTEC workshop; 3rd and 4th June

Institute of Chemical Technology Prague

Technická 5, Prague, Czech Republic (building A, ground floor, room A02)

3rd June

13.30: Arrival, coffee, tea

14.00: Photocatalyst inks (Josef Krysa)

- Basic principles of photocat inks
- The Rz ink
- The DCIP ink
- The MB ink

14.30: Ink Intelligent and QIPS (David Hazafy)

- Inks currently sold
- Delivery format (usually pen – but exploring nail polish and roller ball pens etc)
- Demonstration of an ink on TILE or GLASS?
- Other stuff sold (irradiation rigs, scanners, school demo kits etc)
- QIPS

14.50: INTEC: The creation of a European standard (Josef Krysa)

- Members
- CEN
- INTEC aims
- **PHOTOCATALYST ACTIVITY INDICATOR INK** FOR qualitative and quantitative assessment of photocatalytic surfaces that are smooth, i.e. not *rough* and not *macroporous*
- **PHOTOCATALYST ACTIVITY INDICATOR INK** FOR Qualitative assessment of Rough, Macro-porous Photocatalytic Materials

15.40: Coffee/tea

15.55: From Digital image to Ttb (James Hepburn)

- Alignment of images
- Selection of ROI
- Extraction of values
- Data sorting/normalisation
- The plotted results and typical curve
- TTB calculation

16.20: Round up, any questions and assignment of names to 4 groups, A-D, for tomorrow's workshop. **NOTE: Group A will comprise people who have sent samples to us for testing in advance (at least 2 weeks before the workshop).**

19.00: Dinner (Budvarka restaurace, Wuchterlova 336/22, Dejvice)

4th June

8.30: General Coffee/tea

Computer data analysis – James Hepburn, Martin Zlámal

Use of inks on smooth surfaces (glass)– Martin Zlamal, Michal Baudys

Use of inks on porous (other) materials– David Hazafy, Michal Baudys

12:00: General Lunch break

The early afternoon will be dedicated to testing, on a 1:1 basis, the samples participants have sent to us in advance. All other participants can leave or stay around and process their data.

13:30: Testing of the samples of participants -David/James/Martin/ Michal.

Summary timetable for group workshop work on 4th June 2014

Time	A	Time	B	Time	C	Time	D
9:00	Rz ink on smooth surfaces (glass)	9:45	Rz ink on smooth surfaces (glass)	10:30	Rz ink on smooth surfaces (glass)	11:15	Rz ink on smooth surfaces (glass)
9:45	Computer data analysis	10:30	Computer data analysis	11:15	Computer data analysis	12:00	Computer data analysis
10:30	Ink on porous materials (concrete)	11:15	Ink on porous materials (concrete)	12:00	Ink on porous materials (concrete)	12:45	Ink on porous materials (concrete)
11:00	Finish	11:45	Finish	12:30	Finish	13:15	Finish
Lunch 12-14							
13:30 Testing samples delivered by participants							