

## ***The INTEC workshop; 9<sup>th</sup> and 10<sup>th</sup> January***

### ***Queens University Belfast***

#### **9<sup>th</sup> January**

##### **14.00: Photocatalyst inks (AM)**

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

##### **14.30: InkIntelligent and QIPS (David)**

- 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 (AM)**

- Members
- CEN
- INTEC aims
- Moderate activity materials: The first SOP in detail
- Low activity materials: The second SOP in brief
- High activity materials: The third SOP in brief

##### **15. 40: Coffee/tea**

##### **15.55: From Digital image to ttb (James)**

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

**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.**

## **10<sup>th</sup> January**

### **9.30: General Coffee/tea**

#### **10:00:**

Group A: Computer workshop (room: 01.403) – James Hepburn

Group B: Use of Rz ink on self-cleaning glass (room: 01.003) – Nathan Wells

Group C: Use of inks on other materials (room: 01.003) – David Hazafy

Group D: Coffee/Tea and questions (room: 01.403) - Andrew Mills-

#### **10:30:**

Group D: Computer workshop (room: 01.403) – James Hepburn

Group A: Use of Rz ink on self-cleaning glass (room: 01.003) – Nathan Wells

Group B: Use of inks on other materials (room: 01.003) – David Hazafy

Group C: Coffee/Tea and questions (room: 01.403) - Andrew Mills-

#### **11:00:**

Group C: Computer workshop (room: 01.403) – James Hepburn

Group D: Use of Rz ink on self-cleaning glass (room: 01.003) – Nathan Wells

Group A: Use of inks on other materials (room: 01.003) – David Hazafy

Group B: Coffee/Tea and questions (room: 01.403) - Andrew Mills-

#### **11:30:**

Group B: Computer workshop (room: 01.403) – James Hepburn

Group C Use of Rz ink on self-cleaning glass (room: 01.003) – Nathan Wells

Group D: Use of inks on other materials (room: 01.003) – David Hazafy

**Group A: Early lunch (room: 01.403) - Andrew Mills-**

### **12:00: General Lunch break (01.403)**

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.

**12:30: Testing of the samples of participants in GROUP A (room: 01.003) - David/James/Nathan.**