

Institute of Physics

LONDON AND SOUTH EASTERN BRANCH REMS SECTION

Inca Digital Printers and British Antarctic Survey, Cambridge **Thursday 14 December 2006**

This visit has been organised by George Freeman and David Pick

Inca Digital Printers produce machines for printing onto large area flexible or rigid substrates. These can be paper, board, packaging, etc and can include non-flat surfaces. The control programs allow efficient use of the machines and very short runs as well as long ones can be economical. Their innovative use of piezo drop-on-demand inkjet has won them Queen's awards. In the January "at home", Will Eve of Inca Digital gave us a very interesting talk on this and has invited us to tour of the factory and see some of the machines they make and how they are controlled. We hope to see the latest in printing and perhaps to hear of possible developments.

www.incadigital.com

Lunch will be taken at a nearby public house called Robin Hood and Little John. As it is the Christmas party season we have a self-service buffet lunch with access to the bar for drinks.

British Antarctic Survey (BAS) is part of NERC. Based in Cambridge UK, it has, for almost 60 years, undertaken the majority of Britain's scientific research on and around the Antarctic continent. BAS employs over 400 staff, and supports three stations in the Antarctic, at Rothera, Halley and Signy, and two stations on South Georgia, at King Edward Point and Bird Island. Ice-strengthened ships sustain the Antarctic operations. RRS *James Clark Ross* has advanced facilities for oceanographic research. RRS *Ernest Shackleton* is primarily a logistics ship used for the resupply of stations. The Royal Navy's Ice Patrol Vessel HMS *Endurance* has helicopters and provides logistic support. Four Twin Otter aircraft are operated from Rothera and Halley, while a Dash-7 aircraft provides the inter-continental air-link from Rothera to the Falkland Islands, and flies inland to blue ice runways. After a power presentation, we will see some of the equipment used in their work.

www.bas.ac.uk

10.30 – 11.00	Assemble at Inca Digital, refreshments and toilets
11.00 – 12.00	Tour of Inca Digital
12.00 – 12.15	Drive to Robin Hood and Little John
12.15 – 13.30	Lunch
13.30 – 14.00	Drive to BAS
14.00 – 15.30	Introduction and Tour of BAS
15.30 – 16.00	Tea and depart

The visits are free, the buffet lunch will cost £9.50. Numbers are limited to 20.

CONTACTS

Prior to visit – David Pick

On morning of visit – Inca Digital 01223 577 800. Reception will take messages and direct you if you get lost. The above directions are their preferred route.

TRAVEL to Inca Digital from the South:

1. Leave the M11 at Junction 9 (A11).
2. Continue for approx. 6 miles on A11 (ignore first signpost for Cambridge) taking the third exit (Fulbourn/Balsham) and turning left at end of slip road.
3. Continue on this road (passing through Fulbourn village) for approx 4 miles until you reach a large roundabout. Turn right into Yarrow Road.
4. Cross 2 mini-roundabouts and the level crossing (passing Tesco on your right). At the next large roundabout turn left.
5. Cross a mini-roundabout (Spar store on left) and a double mini-roundabout.
6. At the traffic lights by the church, turn right into Coldhams Lane.
7. Take the turning on the right just in front of the Rosemary Branch Pub (Rosemary Lane).
8. Take the 2nd drive on your right (approx 200 metres and before the bend). Inca Digital is at the end of the drive with parking available to your left.

Sign on at reception. Parking on site is limited so please share cars where possible. If the car park is full please park outside in the road.

