

The British Automation and Robot Association

Annual General Meeting

Wednesday 7 June 2006

**The International Manufacturing Centre
Warwick University**

Present:

Ken Young	Warwick University	Chairman
Geoff Pegman	RU Robots	Treasurer
Mike Wilson	SBC	President
Alison Hargreaves	Warwick University	
Richard Piggin	Rockwell Automation	
Graham Hayes	EAMA	
Jamie Lamb	Procter Machinery Guarding	
Jim Carr	Kawasaki Robotics UK Limited	
Sheila Worrall	Cloos UK	
Paul Stone	Stäubli (UK) Limited	
Phil Webb	Nottingham University	
Stuart Robinson	Pilz Auto Technology	
Paul Rand	Olympus Technologies Limited	
Paul Richards	Kuka Welding Systems	
Hannah Dedman	Automation	
Jo Pilcher	Automation	
Geoff Hodgkinson	AS Interface UK	

Apologies

Apologies were received from Ron Saunders (Nachi), John D'Angelillo (Motoman), Mark Jones (TQC), Paul Robinson (University of Plymouth), and John Gray (University of Salford).

Minutes of the Last AGM

The previous minutes were accepted without amendment.

Chairman's Report

The Chairman provided details of activities of the Association during the past year. The summary of these were:

Staffing

Michelle Zhang has now left BARA, and administrative support is being provided by Alison Hargreaves.

New Members

New members to the Association are Rockwell, SICK, ISA and Bradman Lake.

Membership

In 2005 there were 25 members; in 2006 a similar number of companies were invoiced, but there are still some outstanding who have not confirmed their membership renewal by paying their subscriptions.

IFR

IFR have published figures for 2005 which differ from BARA'S, as they have been collected direct from manufacturers.

The IFR are restructuring to give power to manufacturers and not national bodies.

The IFR is now being driven by VDMA in Germany.

Events

BARA participated in the MACH 06 exhibition in May. The Hands-on training sessions were poorly attended, and the costs to BARA high, so these will not be repeated in future. Ken Young gave a seminar at the exhibition, which was reasonably attended.

Richard Piggin had arranged two seminars at Drives and Controls (one on Safety, one on Ethernet), which was at the same time as MACH 06.

No future events are planned at this time, although ideas are welcomed.

Engineering Supplement

This was issued last year, and considered to be a success. About 500 copies were distributed at MACH 06, and is intended to continue as before. Ken Young asked for any suitable material to be forwarded to him, so that it can be incorporated in this year's issue, in October.

Treasurer's Report

Summary

Geoff Pegman reported that net income is slightly down, that expenditure to support operations has resumed and that there is an overall neutral budget. The Association maintains a healthy cash balance and net worth, but is still in need of other income sources.

SIG Reports

Reports were given on the four SIG's: Industrial Robot, Safety, Aerospace and Advanced Robotics.

Industrial Robot SIG

Ken Young report on the Industrial Robot SIG. The graphs will shortly be uploaded onto the BARA website. 1089 robots were installed last year, confirming that the market has been fairly flat over the last few years. About 2/3 of the market is Automotive. Cost analyses showed that their average selling cost of industrial robots is going down, with approximately 50% originating from Japan, 50% from Europe. With regard to mechanical structure, they were predominantly 6 axis robots.

With regard to the quarterly sales data, Quarter 1 UK sales figures appear to be average.

Advanced Robotics SIG

Geoff Pegman reported on the Advanced Robotics SIG. In October 2005 there was an Advanced Robotics Workshop in Salford.

The IEEE RAS Industrial Automation Board has been incorporated into the BARA Advanced Robotics SIG.

An Advanced Robotics Exhibition/Seminar is being planned in Liverpool, with support with the North West Development Agency.

Safety SIG

Richard Piggin reported on the Safety SIG. There was an event this time last year, and two seminars had been held at the Drives and Controls exhibition last month.

No plans for similar events at this time, but so far about five have been held, so the outlook is good.

Aerospace SIG

Phil Webb reported on the Aerospace SIG. This was founded earlier this year, as Aerospace is one of the few areas of UK manufacturing that is profitable/expanding. Current work is taking place to ascertain the requirements of the three manufacturing companies involved (Airbus, Rolls Royce and Bombardier).

Engineering and Machinery Alliance (EAMA)

In 2005 there were seven members: BARA, BTMA, GTMA, MTA, PICON, PPMA, and BPF.

A comprehensive presentation outlining EAMA activities, was given by Graham Hayes, the EAMA Chairman.

Election of Officers

Chairman: Ken Young was re-elected
(Position carried unanimously)

Treasurer: Geoff Pegman was re-elected
(Position carried unanimously)

President: Mike Wilson was re-elected
(Position carried unanimously)

General Committee:	John D'Angellilo)	Re-elected
	John Gray)	(Positions carried
	Mark Jones)	unanimously)
	Richard Piggin)	
	Paul Robinson)	
	Phil Webb)	

Any Other Business

There was no other business.

The meeting was followed by lunch, and a table-top exhibition by Procter Machinery Guarding.