MPR at the 2014 shows

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As we begin 2015, Ken Brookes looks back through the lens at some of the major powder metallurgy events of 2014.

Why do people or, in particular, powder metallurgists, go to conferences? Some go to present papers (academics get paid more if they present lots of them), some go to watch papers being presented (much more fun than reading the Proceedings), but the brightest and wisest go to meet fellow practitioners or to “network,” to update their knowledge at an accompanying exhibition, and (very occasionally of course!) to visit an exotic holiday destination – like Orlando or Salzburg – in company time and at company expense. Specialist conferences generally have an attached exhibition, and jumbo-sized exhibitions (like EMO, MACH, IMTS and so on) just as frequently come with attached conferences and congresses. My personal aim in visiting these shows is to help MPR readers discover what they might otherwise have missed, and to encourage those with the opportunity to attend similar events to do so in subsequent years.

To celebrate the New Year, here are some of my previously unpublished photos of key PM events of 2014. Lots of exhibition stands and booths, products, processes and equipment, some convivial networking and hardly a conference paper in sight.

EAMG, Frankfurt Airport, Germany: January
Open Meeting of the EPMA’s European Additive Manufacturing Group (Fig. 1)

MACH 2014, NEC Birmingham, UK: April
The UK’s national exhibition of machine tools, cutting tools, hard materials and additive manufacturing (Figs 2–4)

MPIF World PM Congress, Orlando, Florida, USA: May
Parallel conferences on PM, AM and Hard and Refractory PM materials (Figs 5–20)

Nottingham Additive Manufacturing Conference, UK: July
(Figs 21–23)

Farnborough International Air Show, UK: July
Additive manufacturing for PM aviation components (Fig. 24)

EPMA Annual Conference and Exhibition, Salzburg, Austria: October
(Figs 25–38)

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FIGURE 1
Brainstorming.

FIGURE 3
Renishaw.

FIGURE 2
Croft Filters.

FIGURE 4
Iscar.

FIGURE 5
Guangzhou General Research Institute of Industrial Technology.
FIGURE 12
Mercury Scientific.

FIGURE 13
3D Systems.

FIGURE 14
Praxair Surface Technologies.

FIGURE 15
Sandvik Osprey.

FIGURE 16
Plansee Group.

FIGURE 17
Dorst Technologies.
FIGURE 24
Instructional company poster on AM technology for aviation industry.

FIGURE 25
Networking reception for delegates.

FIGURE 26
Hoeganaes.

FIGURE 27
FCT Systeme.

FIGURE 28
SMS.
FIGURE 29
Makin – Pometon.

FIGURE 30
Fraunhofer IFAM.

FIGURE 31
Osterwalder.

FIGURE 32
Posters – conference papers not orally presented.

FIGURE 33
RHP Technology.

FIGURE 34
Komage Press Systems.
FIGURE 35
Cremer.

FIGURE 36
Carpenter Powder Products.

FIGURE 37
Alvier PM Technology.

FIGURE 38
Always “the most popular stand” – FREE copies of MPR!