

From the Editor:

Dr. Trevor Laird
Scientific Update LLP
Maycroft Place, Stone Cross
Mayfield, East Sussex. TN20 6EW. UK

Tel: +44 (0) 1435 873062
Fax: +44 (0) 1435 872734
E-mail: oprd@scientificupdate.co.uk

Call for Papers: OPRD Special Issue on Process Analytical Technologies (PAT) 2014

During the last 10 years we have witnessed the conception and the implementation of the PAT framework, which has resulted in the development of numerous academic methodologies and in many industrial applications. Much has happened since the last OPRD Special Issue on PAT from 2005 so we are organizing a 2014 PAT Special Issue focusing on recent advances and implementations in all chemical industry sectors, whether bulk/fine chemicals, intermediates or finished products, covering pharmaceuticals, agrochemicals, colour chemicals, flavor and fragrances.

The main subjects of interest for this special issue include:

- case studies from industry on use of PAT to monitor/control processes
- novel sensor concepts or low-cost modifications of existing instrumentation
- development and implementation of academic and industrial PAT software platforms
- PAT data analysis methods: process monitoring using statistical concepts and chemometrics, fault detection

- model based process control
- novel academic and industrial implementations of existing PAT tools, e.g. PAT in continuous manufacturing
- scale-up with PAT success stories
- QbD implementation with PAT
- new fields of PAT applications: fragrances, dyestuffs and pigments, organic electronic materials etc.

The submission deadline to this special issue is **31st December 2013**, the accepted papers will be available as ASAP articles on the OPRD Journal website and the final special section will be published in the June 2014 issue of OPRD.

If you would like to author a full review paper please contact Levente Simon for details.

Please forward this call for papers to interested colleagues in your department !

Thank you for your consideration.

Levente Simon, Guest Editor, BASF Schweiz AG

Trevor Laird, Editor-in-Chief, OPRD, (Scientific Update LLP)