



RESEARCH AT CPACT

CPACT advances manufacturing excellence to deliver business benefits across all sectors of the processing and manufacturing industries

CPACT initiates leading edge R&D and technology transfer for the exploitation of process analytics and control technologies

CPACT is managed by its industrial and academic partners with support from the Knowledge Transfer Network

BUSINESS IS BASED UPON SUSTAINABLE PROFITABILITY:

PROCESS ANALYSIS AND CONTROL BOOSTS YOUR BOTTOM LINE

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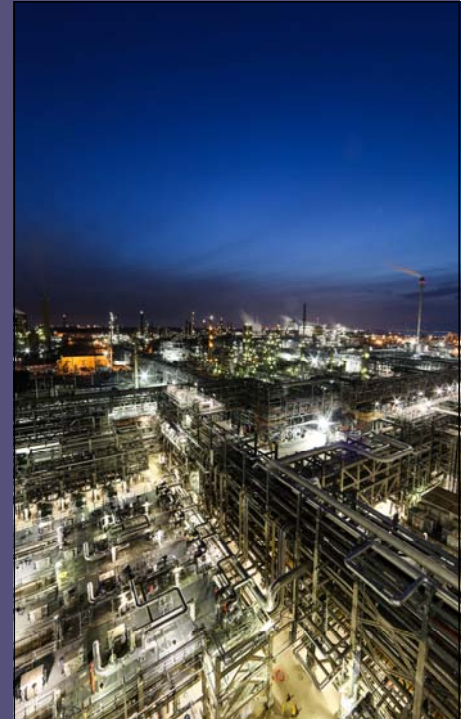
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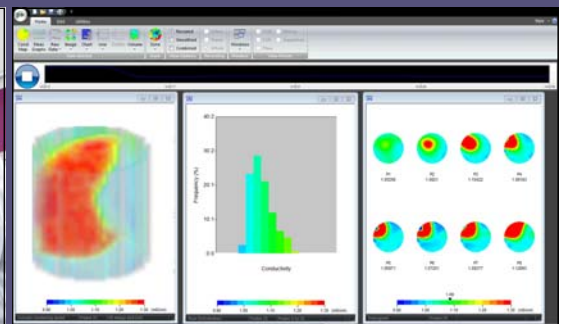
CPACT's research programmes focus on innovations in technologies for process optimisation, monitoring and control that provide business benefits to member companies

Research topics include:

- Advances in *in situ* and non-invasive techniques
- Multivariate data fusion for predictive modelling and performance monitoring
- Process chemometrics for data processing and quantitative analysis
- Data mining
- Reactor technologies
- Statistics and statistical modelling
- Bioprocess performance monitoring
- Real-time property measurements
- Supply chain design and optimisation



Projects involve a wide range of batch and continuous processes and related advances in measurement, analysis and modelling technologies.



THE CENTRE FOR PROCESS ANALYTICS AND CONTROL TECHNOLOGY