



CAPS Papermachine Simulator Course

(Computer Aided Process Simulation)
5-6th August, 2014

The **Papermachine Simulator** course is an innovative and pioneering course and incorporates a first class PM simulator using CAPS (Computer Aided Process Simulation) technology to give an unparalleled insight into paper machine operations, refining, pressing and paper chemistry. It is realistic, just like being in front of the computer screens found in machine control rooms around the world.

The subjects covered are wide ranging, so the Paper Training Group (including MILS Processes, TWA, Paper Classroom and Paper Technics) has used all of its resources to create a very stimulating two days -the first of its kind.

The Papermachine Simulator, one of a family of simulators known collectively as CAPS, brings the challenge of setting up and efficiently running the papermachine direct to your PC in the training room. It allows participants to develop competence and a thorough understanding of the papermaking process in a virtual environment. This leads to **enhanced production efficiency, quality and troubleshooting in the paper mill.**



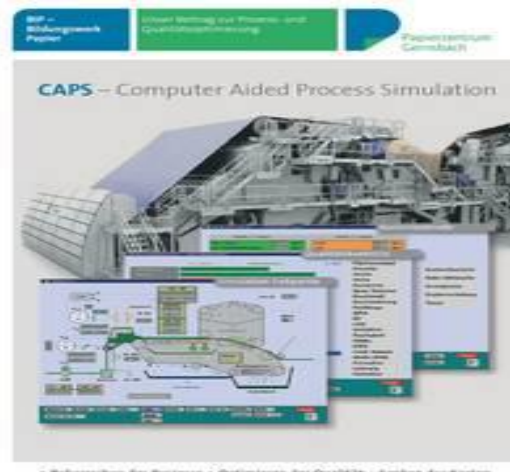
Enhance your mill's production efficiency, quality and troubleshooting.

This state-of-the-art software has been developed by papermaking and training experts and provides a **complete and realistic simulation** of the papermaking process from mixing chest to reel-up.

All the stages of the process are covered; stock blending, stock approach, formation, pressing and drying; with vacuum and steam/condensate control included as well.

It is realistic, just like being in front of the computer screens found in machine control rooms around the world.

This is an interactive experience and will take your employees to a new level of expertise in the working environment, in a fun and entertaining way.





Tuesday 5th August, 2014

Wet-end Chemistry & De-watering

09.00	Registration & Coffee	
09.30	Welcome and Introduction	Graham Toft
09.45	CAPS Papermachine Simulator	Tim Watts
10.45	Refreshments	
11.00	CAPS Practical Work	Everyone
12.30	Lunch	
13.30	Wet-end Chemistry	Steve Mann
14.00	Wet-end Chemistry - Case Studies	Steve Mann & Graham Toft
14.30	CAPS Practical Work	Everyone
15.00	Refreshments	
15.15	De-watering	Graham Toft
15.45	De-watering - Case Studies	Graham Toft
16.15	CAPS Practical Work	Everyone



Enhance your mill's production efficiency, quality and troubleshooting

Wednesday 6th August, 2014

Refining, Cost Optimisation & Trouble Shooting

08.30	Coffee	
09.00	Review of Day 1	Steve Mann
09.45	Refining	Kate Leach
10.15	Refining - Case Studies & Cost Exercise	Kate Leach
10.45	Refreshments	
11.00	CAPS Practical Work	Everyone
11.30	Cost Optimisation <ul style="list-style-type: none">- Energy & Water Removal- Wet-end Chemistry	Kate Leach & Steve Mann
12.00	Lunch	
13.00	Chemical Case Studies - Focus on Cost Optimisation	Steve Mann
13.30	CAPS Practical Work	Everyone
14.00	Trouble-shooting - General Principles	Paper Training Group
15.00	Refreshments	
15.15	Trouble-shooting - Case Studies & Examples	Paper Training Group
15.45	CAPS Practical Work	Everyone
16.15	Wash-up & Feedback	



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Who will benefit from attending?

This simulation course provides the opportunity to help a broad range of mill employees, suppliers and customers.

- Maintenance people can gain hands-on experience of running a papermaking process and learn to fault-find from an operator's viewpoint.
- Experienced operators can review the fundamental aspects of running the process and gain fresh insights.
- Managers and supervisory staff, without practical experience of papermaking, can gain operational competence and a deeper understanding of paper technology.
- New starters can grasp the concepts of running a papermachine before being exposed to the real thing.
- The Simulator places demands upon trainees to work in a proceduralised manner and heightens their awareness to process, quality and cost efficiencies and their impact on the overall business performance of the organisation.
- In short a highly effective training tool that can be used for the operational training and development of everyone.

Your investment?

£595 + VAT per participant

How to book?

Contact : [Kate Leach of Mills Processes](#)

For more info...

Graham Toft (Paper Technics):

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Tim Watts (TWA):

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Dr Steve Mann (Paper Classroom):

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Kate Leach (MILS Processes):

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