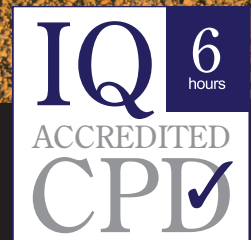




# BULK2014 CONFERENCE



## MATERIALS HANDLING ENGINEERS ASSOCIATION BULK HANDLING CONFERENCE

21-22 May 2014, Forest Pines Conference Centre, North Lincolnshire

**CONFERENCE:** Wednesday & Thursday

**GALA DINNER/AFTER DINNER SPEAKER:** Wednesday Evening

**GOLF TOURNAMENT:** Friday 23rd May

Why not stay an extra night and take part in our golf tournament?

Sponsored by:



Institution of  
MECHANICAL  
ENGINEERS



THE WOLFSON CENTRE  
for Bulk Solids Handling Technology  
at The University of Greenwich

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SOLIDS/BULK HANDLING





# MHEA is pleased to announce the Programme for the 2014 Bulk Handling Conference

Following the success of last year's conference MHEA's Bulk 2014 will be returning to the highly attractive Forest Pines Hotel in North Lincolnshire. With its superb facilities for conferences, business and leisure it has proven to be the ideal venue. The event will encompass keynote and plenary presentations, gala dinner and after dinner speaker entertainment.

## How to Register

Registration can be made at [www.mhea.co.uk](http://www.mhea.co.uk) following the link to the event. Here you will be able to register and make a secure payment. Check the packages at the rear of this brochure for details.

Alternatively please complete the booking section at the rear, completing one form per delegate.

## Booking Conditions

Admission to the Seminar is guaranteed only to delegates whose fees are paid in full at the time of on-site registration. An administration charge of £100 + VAT will be made for all cancellations. Due to contractual arrangements, no refunds will be made after Friday 2nd May 2014. Substitutions may be made at any time.

## Insurance

The MHEA do not accept liability for any injuries or losses of any nature incurred by delegates and/or accompanying persons, nor the loss or damage to their luggage and/or personal belongings.

## MHEA & Membership Information

The Materials Handling Engineers Association is the UK Centre of Technical & Commercial Excellence for Companies Supplying, Using & Owning Goods & Services in Solids Handling.

Please contact Julie Claus by email to [jc@mhea.co.uk](mailto:jc@mhea.co.uk) or call **01787 226 995** for further information regarding membership.



# WAYS TO PROMOTE YOUR BUSINESS AT THE BULK2014 CONFERENCE

## Sponsorship

There are excellent opportunities to promote your business at the conference by taking up one of the Sponsorship Packages, or by sponsoring individual items such as USB memory sticks, conference bags amongst other things.

## Exhibit at the Conference

Exhibiting at the Conference will allow your prospective clients to have maximum visibility and attention. Take advantage of this superb opportunity to promote your company at this key event.

To find out more about any of these great opportunities please contact Julie Claus:

**01787 226 995**

**[jc@mhea.co.uk](mailto:jc@mhea.co.uk)**

## Conference Events

Wednesday 21 May

### Gala Dinner & After Dinner Speaker – Lou Macari, Football Legend!

Football has dominated Lou Macari's life. Taken on as an apprentice by Celtic in the wake of their 1967 European Cup triumph, Macari learnt his football the old-fashioned way. He quickly broke into the first team, winning Scottish league titles and Cups in both 1971 and 1972, but it was at Manchester United, following a shock transfer in January 1973, that the attacking midfielder's prowess turned him into a fans' favourite and a household name.



Macari went on to score 97 goals in 401 appearances for the Red Devils, including the winner against Liverpool in the 1977 FA Cup final. He also won 24 caps for Scotland and represented his country in the infamous 1978 World Cup Finals in Argentina. Since leaving the pitch, Macari has had a successful career as a manager for a host of clubs including Celtic and West Ham.

Friday 23 May

### Golf Tournament

Why not stay over an extra night and take part in the MHEA Golf Tournament? Forest Pines offers a superb opportunity to enjoy a round and is a fair test of golf for all levels. 18 holes followed by prize giving and a bite to eat before departing.



## CPD Accredited - 6 Hours

The conference has been awarded Accredited CPD status by The Institute of Quarrying and will provide 6 hours of relevant CPD to attendees of the full conference. The technical and informative content of the event will give all involved useful knowledge in a wide range of subject relevant to the industry.



**Wednesday 21st May, 2014**

- 10.00 **Registration & Coffee**  
11.00 **Welcome**  
Mike Redmond - *MHEA President*  
*Business Area Manager, Bosch Rexroth, Mining and Material Handling EMEA and South America*

**Conference Opening**  
Key Speaker - Christopher Huhne  
*Chairman - Zilkha Biomass Energy. Former Secretary of State for Energy and Climate Change*

**Session 1**

Chair: Brian Mackenzie - *Managing Director, Materials Handling Products Ltd*

- 11.30 **Mining in remote locations – how equipment manufacturers can deliver processing systems that are fit for purpose**  
Peter Craven - *Head of Marketing CDE Global Ltd,*
- 11.55 **The Ultimate Weighing System**  
Alyn Walker - *Engineering Consultant, Rembe® Ltd*
- 12.20 **How the UKTI can help you export**  
Robert Bentley - *International Trade Advisor, UKTI*
- 12.45 **Questions**

**13.00 Lunch - Buffet around the Exhibition****Session 2**

Chair: David Patterson, *General Manager, Hosch GB Ltd*

- 14.00 **A step by step guide to making your materials handling plant ATEX compliant**  
Declan Barry - *Managing Director, Atex Explosion Hazards Limited UK*
- 14.25 **Bulk Solid Inventory Measurement**  
Jeff Harwood - *Allison Engineering Ltd*
- 14.50 **Effect of storage methods on the properties of biomass fuels**  
Shalini Graham - *Doctorate Student, Nottingham University*
- 15.15 **Questions**

**15.30 Coffee & Tea in the Exhibition Area****Session 3**

Chair: John Connolly - *Managing Director, Kingfisher Industrial*

- 16.00 **Biomass Handling Systems for UK Ports and Power Stations**  
Ian Fillingham - *Sales Manager, Fairport Engineering Limited*
- 16.25 **Techniques for improving flow performance in bunkers**  
Eddie McGee - *Technical Director, Ajax Equipment Ltd*
- 16.50 **Drax – The application and challenges of keeping the UK lights on**  
Ian Birkinshaw - *Operations Director, Portasilto Ltd*
- 17.15-17.30 - **Questions**

**19.30 Pre Dinner Drinks in the Exhibition Bar****20.00 Gala Dinner in the Conference Hall****Thursday 22nd May, 2014**

(Registration of Day Delegates from 8.30)

- 9.00 **Introduction and Welcome**  
Mike Redmond - *MHEA President*

**Session 4**

Chair: Mike Redmond - *MHEA President, Bosch Rexroth, Business Area Manager, Mining and Material Handling EMEA and South America*

- 9.10 **Wear and Flow Management in Chutes and Hoppers**  
S B Singh - *Head of Sales and Marketing, Tega Industries Limited*
- 9.35 **Load calculation for trough idler rolls**  
Xiangwei Liu - *PHD Student, Delft University of Technology*
- 10.00 **Biomass Storage**  
Robert Alvarez - *Sales Director, Deboer Structures (UK) Ltd*
- 10.25 **Questions**

**10.40 Coffee & Tea in the Exhibition Area.**

- 11.00 **Dr. Harold Wright Memorial Lecture**  
Brian Mackenzie - *Managing Director, Materials Handling Products Ltd*

**Session 5**

Chair: Simon Nadin - *General Manager, Siemens Mechanical Drives*

- 11.40 **PRIME Project (Professional recognition in mining extractives)**  
Mike Phillips FIQ F.I.M.M.M - *General Manager, The Institute of Quarrying*
- 12.05 **An update on Biomass Handling; experiences from recent projects**  
Professor Mike Bradley - *The Wolfson Centre for Bulk Material Handling, University of Greenwich*
- 12.30 **How controlled-flow transfer chute design can address the variety of challenges posed by different bulk materials and application**  
Martin J. O'Neill - *Global Projects Director, Flexco UK. Based in Chicago Head Office*
- 13.00 **Questions**

**13.10 Lunch - Buffet around the Exhibition****Session 6**

Chair: Michael Kaye, *General Manager, Flexco UK*

- 13.45 **Applying Weigh feeders in Biomass operations**  
Carl Pinches - *Industry Marketing Manager, Siemens PLC*
- 14.10 **Gaviflo the fastest, cleanest, most efficient way to completely empty large storage vessels**  
John Scott - *Sales Director, Portasilto Ltd*
- 14.35 **Transfer Chute Analysis Techniques including Continuum Modelling and the Discrete Element Method (DEM)**  
Dr Dusan Ilic BE (Mech) PhD MIEAust - *Tunra Bulk Solids Handling Research Associates, Senior Consulting Engineer*  
Kevin Mannion - *Managing Director, George Robson & Co (Conveyors)*
- 15.00 **Questions**
- 15.15 **Conference Close**  
Mike Redmond - *MHEA President*

**15.30 Coffee & Tea in the Exhibition area**

- 16.00 **Exhibition Closes**



## Packages

### A Fully Inclusive Package

Includes: Attendance at all Sessions and Conference Papers – (USB Memory Stick) Accommodation Wed 21st May including breakfast, Gala Dinner, all tea, coffee, refreshments, lunch on both days.

### B Two Day Conference only

As package A but without accommodation and Gala Dinner.

### C One Day Conference only, Wednesday 21st May

Includes full Set of Conference papers, all tea, coffee, refreshments and lunch but without any accommodation or Gala Dinner.

### D One Day Conference only, Thursday 22nd May

Includes full set of Conference papers, tea, coffee, refreshments and lunch.

### E Speaker Package (1 per presentation)

Special reduced rate for Speakers, as package A.

### F Gala Dinner only

Can be added to Packages B & C and for guests/partners

### G Partners rate

Special rate for partners, bed and breakfast Wednesday 21st May.

### H Exhibition Space

Based on supplying your own display. Please contact the Secretary for full information.

### I Company Guests

For MHEA Members only. If you have two full fee paying delegates you can bring guests as per Package A at a much reduced rate. Guests are defined as non employees of the member company.

### J Golf Tournaments + Overnight

The Golf package includes overnight accommodation and breakfast on the Thursday night, 18 holes of Golf, Prizes and a light lunch.

### K Golf Tournament Only

For those not wishing to stay over the Thursday night, 18 hole competition with prizes and a light lunch.

One form should be completed for each delegate (please photocopy as required) and should be accompanied by the appropriate remittance.

Please return to: BULK 2014 – MHEA, Peershaws, Berewyk Hall Court, White Colne, Colchester CO6 2QB

## Package Prices

<b>A</b>	<b>£625.00</b>	<b>Less 10% for MHEA Members</b>	<b>£</b>
<b>B</b>	<b>£520.00</b>	<b>Less 10% for MHEA Members</b>	<b>£</b>
<b>C</b>	<b>£260.00</b>	<b>Less 10% for MHEA Members</b>	<b>£</b>
<b>D</b>	<b>£365.00</b>	<b>Less 10% for MHEA Members</b>	<b>£</b>
<b>E</b>	<b>£265.00</b>		<b>£</b>
<b>F</b>	<b>£42.00</b>		<b>£</b>
<b>G</b>	<b>£32.00</b>		<b>£</b>
<b>H</b>	<b>£550.00</b>	<b>Less 10% for MHEA Members</b>	<b>£</b>
<b>I</b>	<b>£350.00</b>	<b>For MHEA Members Only</b>	<b>£</b>
<b>J</b>	<b>£142.00</b>		<b>£</b>
<b>K</b>	<b>£40.00</b>		<b>£</b>

## Delegate Details

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Name as to be printed on delegate badge: \_\_\_\_\_  
(e.g. John Smith/Dr John Smith)

## Payment Information

Packages can be bought online at [www.mhea.co.uk/mhea-shop/events/](http://www.mhea.co.uk/mhea-shop/events/)

Alternatively please indicate below how payment is made:

Cheque enclosed made payable to MHEA

Debit my  Visa  Master Card  American Express the amount of £ \_\_\_\_\_

Debit and credit cards accepted

Card No.

Start Date:     End Date:

Verification/CSV Number     \*

(Last three numbers on reverse of card. \*For American Express users it's the last four numbers on the front of the card)

Cardholder Name: \_\_\_\_\_

Billing address of card: \_\_\_\_\_  
\_\_\_\_\_

Postcode: \_\_\_\_\_

Signature \_\_\_\_\_ Date: \_\_\_\_\_

**Acceptance of registration will be confirmed with a receipted VAT invoice and confirmation of final agreements.**