
MPM-DREDGE – Internal Workshop

Tuesday, 9 December 2014, 9⁰⁰–16⁰⁰

Venue

University of Cambridge, Engineering Department, Trumpington Street, Board Room (Baker Building, 2nd floor)

Programme

9.00	Opening and Welcome (Alexander Rohe)
9.00 – 10.15	ALBA YERRO-COLOM (UPC) <i>Algorithms for unsaturated soil and progressive failure</i> MAURICIO ALVARADO (UPC) <i>Rate-dependent behaviour</i>
10.15 – 10.45	Coffee Break
10.45 – 12.00	JAMES FERN (UNIVERSITY OF CAMBRIDGE & DELTARES) <i>A numerical analysis of the failure mechanism of sand-filled column collapses</i> HANS TEUNISSEN (DELTARES) <i>Localisation for 2D conditions</i>
12.00 – 13.00	Lunch Break
13.00 – 14.15	SHAMINI KULARATHNA (UNIVERSITY OF CAMBRIDGE) <i>MPM for concrete flows in boreholes</i> JOOST BREEDEVELD (DELTARES) <i>Parametric study of fresh concrete flow</i>
14.15 – 14.45	Coffee Break
14.45 – 16.00	SHUHONG TAN (DELFT UNIVERSITY OF TECHNOLOGY & DELTARES) <i>Plate elements in MPM</i> MARIO MARTINELLI (DELTARES) <i>Algorithm for phase-transition and soil-water interaction</i>
16.00	Closure (Alexander Rohe)



Participants

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