

Live Webinar On “Fundamental Understanding Of Solids Flow Processes : A Key To Successful Process Development”

Tridiagonal Solutions, is hosting a live free webinar on “Fundamental Understanding Of Solids Flow Processes” on 28th July, 2016 9:00 am CDT

SAN ANTONIO, TX, UNITED STATES, July 4, 2016 /EINPresswire.com/ -- Tridiagonal Solutions Inc, a global chemical process enhancement solutions provider, will be hosting a live free webinar on “Fundamental Understanding Of Solids Flow Processes : A Key To Successful Process Development” on 28th July, 2016 from 9:00 am to 10:00 am CDT, 4:00 pm – 5:00 pm CEST and 3:00 pm – 4: 00 pm UK.

Solids flow processes are practically everywhere in the process industries - and they have been around for a long time too. Some well known examples are [pneumatic conveying](#), [blast furnaces](#), [fluidized beds](#), [tablet coating](#), [spray](#) drying etc. Despite

being in practice for a long time, however, the development of such processes is still rife with empiricism largely due to a lack of fundamental understanding of solids flow behavior. Solids flow is very different from fluid flow principles of fluid flow cannot be applied to flow of solids.

This webinar will provide insights on modeling techniques that help engineers understand solids flow better. The Discrete Element Method (DEM) can be used to realistically simulate solids flow. DEM/CFD hybrid models have been used to gain fundamental understanding of processes such as granular mixing (and segregation), spray drying, roasting and calcination of catalyst support. Examples demonstrating the successful use of DEM, CFD techniques for process improvement in the Oil & gas, Pharmaceutical and Chemical (specialty, fine and consumer) industries will be presented.

For more information and to register for this webinar visit <http://promotions.tridiagonal.com/free-dem-webinar.html>

About Tridiagonal Solutions Inc

Tridiagonal Solutions Inc is an advanced engineering solutions provider with expertise in process performance enhancement and product development solutions for industrial clients worldwide. Their



The graphic is a rectangular box with a blue border. At the top center is the Tridiagonal Solutions logo, which consists of a stylized 'N' made of two overlapping lines (one red, one blue) and the text 'Tridiagonal Solutions' with the tagline 'compute | innovate | develop' below it. Below the logo, the text 'Live Webinar' is written in red. Underneath that, the title 'Fundamental Understanding Of Solids Flow Processes : A Key To Successful Process Development' is written in blue. Below the title, the date and time '28 July 2016 | 9:00 am CDT' are displayed in blue. At the bottom of the graphic, there are three 3D visualizations: a circular cross-section of a vessel with a blue and green flow field, a vertical cylindrical vessel with a blue and yellow flow field, and a red spherical particle with a grey cross-section showing internal structure.

portfolio includes process engineering, CFD, EFD, [Discrete Element Modeling](#) services and chemical mixing simulation products . Tridiagonal Solutions caters to the Chemical and Process, Oil and Gas, Consumer goods, Food, Electronics, Power Generation and Healthcare Industries.

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