



News Release

CiDRA to Speak at ISA Edmonton

Wallingford, CT – April 5, 2006: CiDRA Corporation (“CiDRA”) CiDRA Corporation today announced that John Viega, Vice President, Strategic Development, will be speaking at the ISA Edmonton 2006 event, to be held in the Northlands Agricom Halls B&C, April 5th and 6th, 2006. John’s presentation, *Application of Passive Sonar Technology to Athabasca Oil Sands Applications* will be presented on Thursday, April 6th, at 8:45 a.m. as part of the event’s Track 4: Oil Sands Growth in Alberta.

In this presentation, John will describe CiDRA’s *SONARtrac*[™] technology platform, a proprietary clamp-on, sonar-based flow meter technology that utilizes sonar array processing techniques to perform two independent measurements to characterize the process fluid, each well-suited for single and multiphase flows. Firstly, the meter provides the volumetric flow rate of the mixture by measuring the speed at which naturally occurring turbulent structures convect with the flow past an axial array of passive sensors clamped onto an existing process pipe. Secondly, the meter uses similar sonar-based processing techniques to measure the speed at which naturally occurring sound propagates through the process fluid. In liquid continuous slurries, sound speed can be directly linked to the entrained air levels in the slurry.

Also to be presented is the application of the *SONARtrac* technology platform on difficult to measure slurry flows in Oil Sands applications, particularly in the areas of slurry conditioning, tailings, bitumen flotation, froth treatment, and fine tailings management. This presentation will describe how *SONARtrac* technology is being applied to improve mass balance accuracy, lower operating costs and strengthen the reliability chain. Finally, the presentation will illustrate the *SONARtrac* platform’s capability to provide new insight into various processes to help characterize slurry flows through clamp-on velocity profiling and entrained air measurements. These unique measurements can be leveraged to enable the optimization of slurry and fluid dynamics such as bitumen to air attachment, lump-size distribution, sand-bed detection and air

flotation in bitumen flotation cells. Finally, some of the recent successes in slurry flow measurement for the oil sand industry will be highlighted.

Additional information on the ISA Edmonton event can be found at http://www.isaedmontonshow.ca/conference_track4.php

Additional information about CiDRA can be found at www.cidra.com

SONARtrac is a trademark of CiDRA Corporation.

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