



2011 **FLOW-3D** World Users Conference **CONFERENCE AGENDA**

September 15 – 16

La Fonda Hotel

Santa Fe, New Mexico USA

Wednesday, 9/14 6:00 – 8:00 pm		<i>Opening Reception at La Fonda in the Santa Fe room* (All conference attendees and their guests are invited.)</i>
Users Conference: Thursday, September 15 – Ballroom South		
8:30 – 9:30	Continental Breakfast & Registration (Poster setup starts at 8:00 am.)	
9:30 – 10:00	Opening Remarks & Introductions	
10:00 – 10:30	<i>Spillway CFD modelling – The challenges ahead</i> Karen Riddette and David Ho, WorleyParsons	
10:30 – 11:00	<i>Comparison of simulation and experiment for self-sustained oscillation of a confined impinging jet</i> Shirish Mulay, Lexmark International, Inc.	
11:00 – 11:15	Break	
11:15 – 12:15	Fluid structure interaction: a finite element solver within FLOW-3D James M. Brethour and Amir H. G. Isfahani, Flow Science Flow Science development roadmap for FLOW-3D Michael Barkhudarov, Flow Science	
12:15 – 1:30	Lunch in the Santa Fe Room	
1:30 – 2:00	<i>Numerical simulation of centrifugal casting of pipes with FLOW-3D</i> Erhard Kaschnitz, Austrian Foundry Research Institute	
2:00 – 2:30	<i>Application of FLOW-3D for spillway design, construction, and environmental assessment</i> Kevin M. Sydor, Paul G. Chanel, and Shuangming Wang, Manitoba Hydro David S. Brown, KGS Group	
2:30 – 3:00	<i>Optimization of HPDC process using flow simulation - case studies</i> A.Pari, CRP (India) Private Limited	
3:00 – 3:15	Break	
3:15 – 3:45	<i>Recent computational experiments with the air-entrainment model of FLOW-3D</i> Fabián A. Bombardelli, University of California; Ines Meireles, University of Aveiro Vitor Sousa and Jorge Matos, Technical University of Lisbon	
3:45 – 4:15	<i>Evaluation of hydraulic power losses in the intake and outlet structures of a hydroelectric powerhouse using FLOW-3D models</i> Laurent Bilodeau, Hydro-Québec	
4:15 – 5:30	Poster Session in Ballroom North	
7:00 pm	Conference Dinner, Champagne served at 6:30 pm outside La Terraza. Hosted by Flow Science	



20th FLOW-3D World Users Conference

CONFERENCE AGENDA

Users Conference: Friday, September 16 – Ballroom North

8:00 – 9:00	Continental Breakfast
9:00 – 9:30	<i>Wizards and automatic post processing of FLOW-3D data using EnSight</i> Kevin Colburn, Computational Engineering International
9:30 – 10:00	<i>What if you could freely interact with your transient FLOW-3D data while it was moving through time? What if your data was 50 times smaller? What could you accomplish?</i> Shane Wagner, Intelligent Light
10:00 – 10:15	Break
10:15 – 10:45	<i>Numerical analysis of a siphon spillway on a dam</i> Kwangho Lee, Yukang Industries; Jungeun Moon, STI C & D, Inc; and Sungyul Yoo, STI, Inc.
10:45 – 11:15	<i>FLOW-3D simulations for the casting of metallic nuclear fuels</i> Justin Crapps, David Korzekwa, Robert Aikin, and Bogdan Mihaila, Materials Science and Technology Division, Los Alamos National Laboratory
11:15 – 12:00	<i>FLOW-3D Version 10: Key User Interface Changes</i> Edward LeBlanc, Flow Science
12:00 – 1:15	Lunch & Raffle Drawing in the Santa Fe Room
1:15 – 1:45	<i>Optimizing spillway and fishway design through FLOW-3D modeling</i> Frank Lan, URS Corporation
1:45 – 2:15	<i>Nano-morphology analysis of imprinted glassy alloy thin films by a FDM method</i> N. Nishiyama, N. Saidoh, K. Takenaka, RIMCOF Tohoku Univ. Lab., The Materials Process Technology Center; and A. Inoue, IMR, Tohoku University
2:15 – 3:00	Break
3:00	Open Forum

*Reception, continental breakfasts, lunches and conference dinner provided by Flow Science.

SPONSORS



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