

2009 Distribution Systems Symposium Posters

Monday, August 31 9:30 a.m.-1:30 p.m.
3:00-6:30 p.m.

Tuesday, September 1 10:00 a.m.-1:30 p.m.
Poster presenters will be available from 10:00 a.m.-12:30 p.m. for question and answers

1. Oxidation of Plastic Pipe in the Presence of Disinfectants in a Drinking Water Distribution System
Justin M. Sutherland*, Carollo Engineers
2. The Effect of Corrosion Inhibitors on Pipe Surface Roughness
David E. MacNevin*, Carollo Engineers
3. Case Studies on Energy Efficiency Studies Using a Calibrated Hydraulic Model
Xuehua Bai*, Farnsworth Group, Andrew Augustine
4. Hydrant Diffusers Revisited to Achieve Correct C-Values
Jerry A. Edwards*, Black & Veatch, Cheryl Bush, Yeongho Lee, Marissa Albright
5. The Revival of a PCCP Pipeline In Taiwan
Allison Psutka*, The Pressure Pipe Inspection Co., Xiangjie Kong, Jake Regala
6. Development of Junction Water Demands for the Saipan Water Distribution System Numerical Model
Shahram Khosrowpanah*, University of Guam, Leroy Heitz, Mariano R. Iglecias
7. Genetic Algorithm and Hydraulic Modeling Tools Assist in the Optimization and Prioritization of an Asset Management Program
Elio Arniella*, Halcrow Inc.
8. The Critical Role of Consistent Distribution System-Wide Corrosion Control Criteria to Comprehensive Asset and Risk Management
Jeffrey K. Knauer*, Winzler & Kelly
9. Cost Avoidance of Valve Excavation and Repair
Dale Aunspach*, Aunspach Controls Company

10. Physical Hydraulic Model of a 106 Million Gallon per Day Pumping Station
Wet Well

Joseph Y. Lin*, Las Vegas Valley Water District

11. Balancing Demand and Supply for Extended-Period Simulation Model
Calibration

Xuehua Bai*, Farnsworth Group

12. Getting the Most Out of Your Field Data: Supplemental Field Techniques to
Enhance Hydraulic Model Calibration

James Kim*, CDM