

**Thursday
November 3, 2005**

**Joint Engineers Conference
Presentation Schedule**

**Red Lion Colonial Hotel
Helena, Montana**

Time	#	Presenter	Topic
8:30 a.m.	A1	H. Wynnlee Crisp Project Management Training	Managing Project Scopes: Project objectives, Organizing Tasks, Managing Level of Effort, Focusing on Deliverables, and Controlling Scope Creep - Part 1 Development and Application of the 2002 National Electrical Safety Code - Part 3
	A2	John Dagenhart, P.E. Clapp Research Associates	
	A3	Ken Luther Columbia Hydronics	Modern Variable Volume Pump Systems and Chilled Water System Forensics
1:00 p.m.	B1	James R. Harris, Ph.D., P.E. J.R. Harris & Company	ASCE 7/05, Minimum design Loads for Buildings and Other Structures with Emphasis on Reformatted Provisions for Earthquake Resistance - Part 1
	B2	H. Wynnlee Crisp Project Management Training	Managing Project Scopes: Project objectives, Organizing Tasks, Managing Level of Effort, Focusing on Deliverables, and Controlling Scope Creep - Part 2
	B3	Jim Lynch, Director Montana Dept of Transportation	Part 1 - MDTs Expedited Project Delivery (with Mark Wissinger, Mac McArthur, Paul Jagoda)
	B4	Jonathan Clough, P.E. Power Systems Engineer, Square D	Part 2 - US-2/Milk River Bridge Emergency Construction (with Jim Walter and John Pavsek)
	B5	Dan Stevenson CTA	Arc Flash Electrical Safety Practices
	B6	Dan Stevenson CTA	Biomass Heating Systems
3:00 p.m.	C1	Alex Wood CAD Training Solutions, L.L.C.	Raster Data Analysis for Mapping and GIS with Autodesk Raster Design software
	C1	James R. Harris, Ph.D., P.E. J.R. Harris & Company	ASCE 7/05, Minimum design Loads for Buildings and Other Structures with Emphasis on Reformatted Provisions for Earthquake Resistance - Part 2
	C2	H. Wynnlee Crisp Project Management Training	Managing Project Scopes: Project objectives, Organizing Tasks, Managing Level of Effort, Focusing on Deliverables, and Controlling Scope Creep - Part 3
	C3	Werner Stebner Amber/Booth Company	Siesmic Restraint and Vibration Control for Mechanical Equipment - Part 1
	C4	John Dagenhart, P.E. Clapp Research Associates	Electrical Contact Accident Investigation
C5	Jim Lynch, Director Montana Dept of Transportation	Part 3 - Beartooth Highway Emergency Reconstruction (with John Shoff and Brett Smith) Part 4 - MDT Value Analysis Program (with Mac McArthur)	

**Friday
November 4, 2005**

**Joint Engineers Conference
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Time	#	Presenter	Topic
8:30 a.m.	D1	Rob Bell Buckeye Technologies; Memphis TN	Concrete Temperature and Shrinkage Why it's needed and new and improved materials to provide it
	D2	H. Wynnlee Crisp Project Management Training	Effective Communication Skills
	D3	Werner Stebner Amber/Booth Company	Seismic Restraint and Vibration Control for Mechanical Equipment - Part 2
	D4	Ed Cline City Traffic Engineer, Willdan, Inc.	Goofy Traffic Control Devices in the USA and Australia
	D5	Alex Wood CAD Training Solutions, L.L.C.	It's a 3D World After All: A beginning approach to AutoCAD 3D
	D6	David J. Anderson Electrical Consultants, Inc.	Path 15 - An EPC Success Story (Engineering-Procurement-Construction)
10:30 a.m.	E1	Bob Swan Euclid Chemical; Las Vegas, Nevada	Protecting Concrete from Premature Deterioration; Options for High Traffic, High Wear, and Industrial Environments
	E2	H. Wynnlee Crisp Project Management Training	Managing Project Risk
	E3	Paul Resler National Lightning Protection Corp	Prevector System for Lightning Protection
	E4	Rock Miller Katz, Okitsu & Associates	Designing Highway Facilities for Pedestrian Safety
	E5	Steve Sanford Salient Technologies	Advanced Computer Modeling with 3D Solids - SolidWorks

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Time	#	Presenter	Topic
1:00 p.m.	F1	Jim Powell American Concrete Pavement Association	Pervious Pavements and Other Recent Improvements in Concrete Technology
	F2	Jim Stimson, Rachel Clark, Eric Regensburger Montana Department of Environmental Quality	Developing a New Public Drinking Water Source; Changes to DEQ-1 and DEQ-3; New Level 2 Wastewater Treatment Rules
	F3	Neil Poulsen City of Bozeman	Structural Engineering Emergency Response Plan (SEER), Organizing to Assist With Disasters
	F4	Prudy Hulman Montana Department of Transportation	Changes at the Montana Department of Transportation that Affect Engineers
	F5	Alex Wood CAD Training Solutions, L.L.C.	Using Autodesk VIZ Render product for presentations with WOW!
	F6	Tom Wood Professor of Architecture, MSU-Bozeman	Integrated Design for Mechanical and Electrical Projects
3:00 p.m.	G1	Brad Wright, Ph.D., P.E. Vice President, Bridger Technologies	Engineering Aspects in Biotechnology - New Technologies Under Development in Montana for International Markets
	G2	Kenneth Phillips, P.E. Montana Department of Environmental Quality	Performance Contracting for Mechanical Engineers
	G3	Kevin Nelson, P.E. National Society of Professional Engineers	Additional Engineering Education as a Prerequisite for Licensure, Implementation of Bachelor's Plus - The Future of Engineering Education
	G4	Steve Albert Western Transportation Institute	Panel Discussion on State and Local Transportation Systems in Montana
	G5	Bob Swan Euclid Chemical; Las Vegas, Nevada	Concrete Repair Techniques