

Name	Title of Presentation	Session No.	Session Day	Session Time Slot	Session Chair Name	Session Chair Phone No.	Presentation Duration
A. Graham Calciano	Putting Theory into Practice: Nitrogen Removal Using the Modified Ludzack-Ettinger (MLE) Process	40	Friday	9:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Abraham Razon	Clean Sampling: The City of Los Angeles Experience and Findings	25	Thursday	3:40 PM	Michael Simpson	(323) 342-6047	50-minute session
Alex Ekster	OPTIMIZATION OF PUMP STATIONS OPERATION	34	Friday	11:25 AM	Richard Watts	(909)437-5900	25-minute session
Alexander Borys	Design and Grit Removal Performance Testing of Vortex Grit Tanks	18	Thursday	9:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Amanda Schmidt	More Demand than Supply - Rosamond's Approach to Maximizing Recycled Water Use	9	Wednesday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Amy Omae	Local Limits Development for Multiple Treatment Plants, Discharge Permits, and Regional Boards	35	Friday	9:25 AM	Michael Simpson	(323) 342-6047	25-minute session
Andre Gharagozian, P.E.	Estimating Secondary Sludge Production at Trickling Filter/Activated Sludge Plants	40	Friday	11:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Andre Gharagozian, P.E.	A Rational Approach to Estimating Capital Costs for Wastewater Regionalization Analysis	8	Wednesday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Andre Schmidt	A Megawatt Saved is \$1 Million Earned: LACSD's Energy Efficiency Management Program	34	Friday	10:00 AM	Richard Watts	(909)437-5900	50-minute session
Andrew de Boer	Food Waste Digestion with Excess Digester Capacity for Economical Energy Production	12	Thursday	8:00 AM	Jon Hay	(949) 753-0500	50-minute session
Andrew Salvesson	Non-Thermal Plasma - A Novel and Cost Effective Advanced Oxidation System	49	Friday	4:10 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Andrew Salvesson	A Performance and Cost Evaluation for Alternative Disinfection Technologies for Kansas City MO	29	Thursday	2:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Andrew Wiesner	Pilot Testing of Zero Liquid Discharge Technologies Using Brackish Groundwater for Inland Desert	50	Friday	2:50 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
April Herrera	Interns- The Hope of the Future	47	Friday	2:50 PM	Dave Kachelski	(909) 877-2752	25-minute session
Arturo A. Burbano	High Performance Ozone-Peroxide: An Effective, Cost-Efficient Advanced Oxidation Process (AOP) For	49	Friday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Asavari V. Devadiga	Water Reuse – What Makes it Tick and What Doesn't?	9	Wednesday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Behnaz Razavi	Free-Radical-Induced Oxidative and Reductive Degradation of Fibrate Pharmaceuticals: Kinetic Studies	49	Friday	2:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Bessie Tam	The 5-year CIP - Controlling Flooding & Odor in San Francisco	27	Thursday	1:40 PM	Dave Kachelski	(909) 877-2752	25-minute session
Betty H Olson	Using Molecular Techniques to Understand and Improve Biological Treatment Process Control	40	Friday	9:25 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Bill Aguirre	Construction and Start-up of a Biolac Secondary Treatment System at the Coachella Valley Water District	28	Thursday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Bill Ettlich	Successful Integration of Plant Control and SCADA Systems for the State's Most Innovative MBR Facility	4	Wednesday	3:40 PM	Richard Watts	(909)437-5900	50-minute session
Bill Slenter, P.E.	Converting an MBR to a Dedicated Scalping Plant to Provide Recycled Water for Cooling, Toilet Flushing, and Sewer Testing and Flow Monitoring Program Minimizes District Asset Costs and Reduces the Risks of Overflows	30	Thursday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Blake R. Tresan		33	Friday	9:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Bob Comer	Gas Detection Fundamentals	51	Friday	1:40 PM	Steve Laren	(925) 756-1934	50-minute session
Bonnie M. Jones	Using Community Input to Create a Successful Digester Complex Design	5	Wednesday	2:40 PM	Devina Douglas	(415)465-2404	50-minute session
Brad Milner	Potential Causes and Solutions to Intermittent Coliform Exceedances in Tertiary Effluent	14	Thursday	9:25 AM	Richard Watts	(909)437-5900	25-minute session
Bruce Mansell	Bench-Scale and Pilot-Scale Testing of Alternative High-Pressure Membranes for Water Reclamation	20	Thursday	10:25 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Carlos Diaz	Modeling Natural Treatment Systems - A Case Study at Maxwell PUD	19	Thursday	10:25 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Chad Coleman, P.E.	Wastewater Treatment Plant Procurement: Traditional versus Alternative Approaches	27	Thursday	3:40 PM	Dave Kachelski	(909) 877-2752	50-minute session
Cheng-Yao Tsai	Potential for biohydrogen production at South Bayside System Authority	42	Friday	1:40 PM	Jennifer Ku	(510) 287-1681	25-minute session
Cheryl A. McGovern	ENERGY STAR Benchmarking: How Does Your Wastewater Treatment Facility Compare to Other	48	Friday	2:50 PM	Andre Schmidt	(562) 908-4288, ext. 2485	50-minute session
Chris Cleveland	Comparative Evaluation of Advanced Reclaimed Water Disinfection Technologies	10	Wednesday	4:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Christopher Harre	Commissioning a New 5.0-MGD MBR - Operations Lessons Learned	14	Thursday	10:00 AM	Richard Watts	(909)437-5900	50-minute session
Coenraad Pretorius	Using Clarifier Safety Factor to Predict Secondary Clarifier Performance	18	Thursday	9:25 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Colin Chung	Strengthening Asset Management Practices Through Gap Analysis	7	Wednesday	2:05 PM	Dave Kachelski	(909) 877-2752	25-minute session
Courtney Rubin	The Spirit of Title 22 - Expanding Recycled Water Uses beyond Irrigation	46	Friday	2:50 PM	Nichole Baker	(916) 273-1500	50-minute session
Craig Mizutani	Pilot Plant testing to determine the effectiveness of Dry Carbon Injection to remove mercury and other toxics from Keeping It On Track: How to Expedite Construction Communication	2	Wednesday	3:05 PM	Jon Hay	(949) 753-0500	25-minute session
Damon Lau		37	Friday	10:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Dan Baker	Knowledge Management Solutions for Workforces in Transition	47	Friday	1:40 PM	Dave Kachelski	(909) 877-2752	25-minute session
Dan Baker	Manager's Guide to Sustainability and Asset Management	7	Wednesday	2:40 PM	Dave Kachelski	(909) 877-2752	50-minute session
David Bachtel	Biosolids Treatment and Disposal for Smaller Communities in California: Future Trends and	2	Wednesday	1:40 PM	Jon Hay	(949) 753-0500	50-minute session
David Bachtel	Feasibility Evaluation of Potable Water Arsenic Removal And Onsite Wastewater Treatment and Disposal, Federal	18	Thursday	11:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
David Badgley	Overview of Maintenance Hole Problems and Rehabilitation Methods	11	Thursday	9:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
David Badgley	Trenchless Pipeline Rehabilitation Overview	21	Thursday	3:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
David Jenkins	Better Living Through Chemistry	13	Thursday	11:00 AM	Cassie Prudhel	(650) 829-3840	50-minute session
David Patzer	After the Disaster: Business Continuity Planning for Wastewater Utilities	15	Thursday	9:00 AM	Steve Laren	(925) 756-1934	50-minute session

Name	Title of Presentation	Session No.	Session Day	Session Time Slot	Session Chair Name	Session Chair Phone No.	Presentation Duration
Debbie Biggs	Utilizing Internal Audits to Improve Biosolids Operations	24	Thursday	3:40 PM	Richard Watts	(909)437-5900	25-minute session
Del Hoffmann	Managing Power as a Strategic Asset	34	Friday	9:00 AM	Richard Watts	(909)437-5900	50-minute session
Denis Pollak	Large SSO Case Study	38	Friday	9:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Diane Lawver	How to Detect Data Integrity Vulnerabilities in Your Laboratory	13	Thursday	10:00 AM	Cassie Prudhel	(650) 829-3840	50-minute session
Diego Rosso	CARBON SEQUESTRATION AND FOOTPRINT ANALYSIS OF BIOSOLIDS TRANSPORTATION TO	22	Thursday	3:40 PM	Jon Hay	(949) 753-0500	50-minute session
Domenech Jolis	Advanced wastewater treatment produces drinking water quality effluent	49	Friday	3:15 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Don Wasko	Pilot program that implements BMP Innovations for pretreatment of stormwater during rain events	45	Friday	1:40 PM	Michael Simpson	(323) 342-6047	50-minute session
Donna Wies	The Effective Utility Management Primer and Tool Box	7	Wednesday	1:40 PM	Dave Kachelski	(909) 877-2752	50-minute session
Doug Barber	Redefining Plant Capacity: The Impacts of Increased Sewage Strength	8	Wednesday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Ganesh Rajagopalan	Improving Sludge Dewatering and Conditioning Using Nanomaterials	22	Thursday	2:40 PM	Jon Hay	(949) 753-0500	50-minute session
Gary Schepker	Bearing Handling and Mounting	16	Thursday	9:00 AM	Roy Reynolds	(714) 686-2064	25-minute session
Graham J.G. Juby, Ph.D., P.E.	Transferring Nutrients to Recycled Water Saves Energy and Provides Sustainable Approach for Agricultural Use	9	Wednesday	4:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Greg Bradshaw	Evaluation and Selection of Tertiary Filtration Upgrade for the Donald C. Tillman Water Reclamation Facility	10	Wednesday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Gregg Cummings	Membranes for Industrial Treatment - They're Not Just for Municipal Applications Anymore	35	Friday	8:00 AM	Michael Simpson	(323) 342-6047	50-minute session
Gregg Cummings	Purple Water - Installing a Recycled Water Distribution System	9	Wednesday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
H. Josef Denk	Important Elements When Considering a FOG Program.	25	Thursday	1:40 PM	Michael Simpson	(323) 342-6047	50-minute session
Hanoz Santoke	Oxidative and Reductive Degradation of Fluoroquinolones: Evaluation of Rate Constants and	42	Friday	2:50 PM	Jennifer Ku	(510) 287-1681	50-minute session
Heidi G. Oriol	Private Sewer Lateral Inspection and Maintenance Practices in California	1	Wednesday	3:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Ho-ping Wei	Treatment of High-strength Industrial Wastewater from the SlurryCarb (TM) Process	35	Friday	10:25 AM	Michael Simpson	(323) 342-6047	25-minute session
Hun-Kyun Bae	Identification and Application of Physical and Chemical Parameters to predict Indicator Bacterial Concentration in	19	Thursday	11:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Huy Do	TRACE ANALYSIS OF PHARMACEUTICALS AND PERSONAL CARE PRODUCTS (PPCP) BY LC-MS-MS	3	Wednesday	2:05 PM	Cassie Prudhel	(650) 829-3840	25-minute session
Hyginus Mmeje	City of Los Angeles Onsite Wastewater Treatment Systems (OWTS) Management Program	26	Thursday	1:40 PM	Nichole Baker	(916) 273-1500	50-minute session
Imran Rahman	Boron Removal from Produced Water by Co-Precipitation / Adsorption for Raw Water and Reverse Osmosis	32	Friday	9:25 AM	Jennifer Ku	(510) 287-1681	25-minute session
Jagjit Kaur	Integration of Natural Treatment Systems into Watershed Management Tools	39	Friday	11:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Jake Holden, P.E.	Contingency Planning for Repair of Orange County Sanitation District's 120-inch Ocean Outfall	31	Friday	10:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
James Fischer	You, Me, the SSO GWDR and the Triennial Review Kick Off	36	Friday	8:00 AM	Nichole Baker	(916) 273-1500	50-minute session
James Jetton	Expanding an Oxidation Ditch with a Parallel MBR	28	Thursday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
James Marx	Overview of Best Anaerobic Digestion Technologies When Sustainability is Important	12	Thursday	10:00 AM	Jon Hay	(949) 753-0500	50-minute session
James Mcpherson	A Competency Based Training System That Works!	47	Friday	3:45 PM	Dave Kachelski	(909) 877-2752	50-minute session
James Pasmore Jr	SCE 2009-2011 Energy Efficiency and Demand Response Program Update	48	Friday	1:40 PM	Andre Schmidt	(562) 908-4288, ext. 2485	25-minute session
James Wickstrom	Proper Planning and Communications Delivers Trouble Free Facility Start-up	37	Friday	11:00 AM	Dave Kachelski	(909) 877-2752	25-minute session
Jim Baird	Challenges in replacing wastewater lift stations: Case studies	44	Friday	2:50 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Jeff Bandy	Microbial efficacy of innovative water reuse technologies	42	Friday	3:45 PM	Jennifer Ku	(510) 287-1681	50-minute session
Jeff Moncrief, P.E.	Case Study: Honolulu Force Mains Condition Evaluation	33	Friday	11:00 AM	Dave Kachelski	(909) 877-2752	25-minute session
Jeffrey Cotsifas	Determination of Site-Specific Water Quality Criteria for Metals using Water Effect Ratio Procedures	36	Friday	9:00 AM	Nichole Baker	(916) 273-1500	50-minute session
Jeffrey Weiss	Use of Online Analyzers and BIOWIN Modeling to Evaluate Alternatives for Improving NDN Performance	19	Thursday	10:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Jennifer Fan	RISK-BASED PIPELINE INSPECTION AND RENEWAL PRIORITIZATION	38	Friday	10:00 AM	Mark Chamberlin	(951) 928-3777	25-minute session
Jennifer Harrison	Healthy Auburn Waters: A Simple Message for a Complex Problem Builds Public Stewardship	5	Wednesday	3:40 PM	Devina Douglas	(415)465-2404	50-minute session
Jennifer Muller	Practical Consideration of Applying UV Technology for Reuse Water Applications	29	Thursday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Jenny Reina	Comparison of Alternatives to Control DBPs Formation	29	Thursday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Jerry Bach	The First 72 Hours After A Disaster: Would You Survive	15	Thursday	8:00 AM	Steve Laren	(925) 756-1934	50-minute session
Jim Geselbracht	Design of Sequencing Batch Reactors using Simulation Models	19	Thursday	9:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Jim Willis	TROUBLE PASSING YOUR WASTEWATER TREATMENT PLANT OPERATOR EXAM?	14	Thursday	8:00 AM	Richard Watts	(909)437-5900	50-minute session
Jody Allen	SSO-WDR Reporting Requirements and Tips	21	Thursday	1:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
John G. Ciccotelli	Utilizing State-of-the-Art Siloxane Removal Technology at the Inland Empire Utility Agency	12	Thursday	9:00 AM	Jon Hay	(949) 753-0500	25-minute session
John Ostermann	High-Strength Restrained-Joint PVC Pipe for Directional Drilling & Pipebursting	41	Friday	3:45 PM	Mark Chamberlin	(951) 928-3777	25-minute session

Name	Title of Presentation	Session No.	Session Day	Session Time Slot	Session Chair Name	Session Chair Phone No.	Presentation Duration
Jonathan C. Hay	Condition Assessment of OCSD's Ocean Outfall Booster Pump Station	33	Friday	11:25 AM	Dave Kachelski	(909) 877-2752	25-minute session
Jorj Long	BPR – Working Smarter and Harder	14	Thursday	11:25 AM	Richard Watts	(909)437-5900	25-minute session
Joseph Augustine	Digester Cleaning - the Anatomy of a Turkey	24	Thursday	2:40 PM	Richard Watts	(909)437-5900	50-minute session
Joseph Ferrer	Response of Nitrate Sensors in a Saturated Column Packed with Soil from an Agricultural Site Irrigated with	32	Friday	10:25 AM	Jennifer Ku	(510) 287-1681	25-minute session
Joseph Glowitz	Bringing Wastewater Treatment and Water Reclamation to the Morongo Basin	8	Wednesday	4:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Joseph Hanford	Solids disposal cost stabilization through implementation of new biological process.	2	Wednesday	3:40 PM	Jon Hay	(949) 753-0500	50-minute session
Joyce Chai	Modeling the Toxic Effects of Silver Nanoparticles under Varying Environmental Conditions	32	Friday	9:00 AM	Jennifer Ku	(510) 287-1681	25-minute session
Joyce T Lee	Utilization of Advanced Treatment Technologies To Meet Stringent Discharge Limits on Stormwater Overflows	45	Friday	3:45 PM	Michael Simpson	(323) 342-6047	50-minute session
Juan Diaz-Carreras	How better parking can help water quality and how to explain it to the public.	5	Wednesday	1:40 PM	Devina Douglas	(415)465-2404	50-minute session
Kaumudi Atapattu	Financial Planning: Incorporating Asset Management Financing at Your Utility	17	Thursday	10:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Kelvin J. Hurdle	New Harmonic mitigation techniques for applying VFD's in the W/WW industry	4	Wednesday	2:40 PM	Richard Watts	(909)437-5900	50-minute session
Ken Holmes	REDUCING SSOS: GETTING TO THE ROOT OF THE PROBLEM	1	Wednesday	2:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Ken Holmes	SSO REDUCTION STRATEGIES: CVCWA AND BACWA EFFORTS TO DEVELOP USEFUL TOOLS TO	11	Thursday	11:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Kenneth D. Fonda	Getting Ahead of Foam: Digester Foam Control Design Considerations and Case Studies	12	Thursday	11:25 AM	Jon Hay	(949) 753-0500	25-minute session
Kevin Calderwood	Is Microtunneling Becoming a Dinosaur? New Alternatives for Trenchless Pipeline Installation.	31	Friday	9:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Kevin Paulsen	Identifying Root Causes of Chronic or Catastrophic Failure in Mechanical Systems	16	Thursday	8:00 AM	Roy Reynolds	(714) 686-2064	50-minute session
Kyle Ochenduszko	WE'VE GOT THE GREEN TO KEEP CALIFORNIA'S WATER CLEAN...	17	Thursday	9:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Lani Good, PE	Holistic Wet Weather Planning in the City of San Mateo	31	Friday	11:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Lenny LaVache	Powder Coating for Corrosion Resistance and Chemical protection of pipes, pumps in sanitation & water plants.	16	Thursday	9:25 AM	Roy Reynolds	(714) 686-2064	25-minute session
Les Chau	A Simplified Approach to Asset Information Management for Mid-Size Utilities	7	Wednesday	3:40 PM	Dave Kachelski	(909) 877-2752	25-minute session
Leslie L. Chau	Technology Based Collaborative Approach to Groundwater Basin Management	39	Friday	9:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Lewis Harrison	FOG Control & Reuse by the San Francisco Public Utilities Commission	25	Thursday	2:40 PM	Michael Simpson	(323) 342-6047	50-minute session
Lori S. Weiss, P.E.	Maintenance Management 101 – What Are You Trying to Accomplish?	37	Friday	9:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Lynn Orphan, PE	Adaptive Management for Reclaimed Water to Lake Mead	39	Friday	10:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Madan Arora	Project Management: Art, Science, or Both	27	Thursday	2:40 PM	Dave Kachelski	(909) 877-2752	50-minute session
Mai-Tram Le	Challenges of Developing a Regional SSMP	26	Thursday	2:40 PM	Nichole Baker	(916) 273-1500	50-minute session
Manuel Romero	Developing A Successful Sewer Lateral Inspection Program	1	Wednesday	1:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Marilyn Shepard	Large Diameter Pipeline Condition Assessment Services	41	Friday	1:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Marilyn Shepard	Economical Multi-Sensor Inspection of Collection Systems	11	Thursday	10:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Matthew A. Larson	Struvite and Vivianite Scaling - What can be done to prevent this from happening	14	Thursday	11:00 AM	Richard Watts	(909)437-5900	25-minute session
Matthew J. Wheeler	Municipal / Industrial: Studying the Effects of Canning Season BODs on Land Application	35	Friday	11:00 AM	Michael Simpson	(323) 342-6047	50-minute session
Matthew Van Horne	A New Northern California Agricultural Recycled Water Project for the Pajaro Valley	30	Thursday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Megan Yoo	Yesterday's Dinner, Tomorrow's Energy Source - Digester Gas Reuse at Wastewater Treatment Plants	32	Friday	11:25 AM	Jennifer Ku	(510) 287-1681	25-minute session
Melody LaBella	Implementing a Recycled Water Hydrant Truck Fill Program	50	Friday	3:45 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Menu B. Leddy	Characterization of Bacterial Communities along Santa Ana River Using Several Analytical Methods by Orange	19	Thursday	11:25 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Michael Bell	Meeting Today's Nutrient Removal Treatment Challenges in the City of Los Angeles Water Reclamation Plants	28	Thursday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Michael Falk	Influence of Toxins on Replicate MBR Microbial Community Dynamics	35	Friday	10:00 AM	Michael Simpson	(323) 342-6047	25-minute session
Michael Grinstead	INTERNAL CREW SURVEY – AN EVALUATION OF PIPELINE MAINTENANCE ACTIVITIES	38	Friday	10:25 AM	Mark Chamberlin	(951) 928-3777	25-minute session
Michael Harrison	Current Trends in Regionalizing Wastewater Treatment Facilities	26	Thursday	3:40 PM	Nichole Baker	(916) 273-1500	50-minute session
Michael Scahill	An Innovative Approach to Creating a New Generation of Treatment Plant Operators	47	Friday	3:15 PM	Dave Kachelski	(909) 877-2752	25-minute session
Michael Steinlicht	Asset Management at the Encina Wastewater Authority	33	Friday	10:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Mike Ducker	Designing the Impossible: On-site Effluent Disposal System	18	Thursday	10:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Mike Gill	IT Disaster Recovery Planning and Wastewater Treatment Plants	27	Thursday	2:05 PM	Dave Kachelski	(909) 877-2752	25-minute session
Mike Oriol	The Importance of Specifications, Quality Control, Surface Preparation, and Inspection on Concrete Coating	41	Friday	4:10 PM	Mark Chamberlin	(951) 928-3777	25-minute session
Mike Shatynski	Exercising the NIMS way	51	Friday	2:50 PM	Steve Laren	(925) 756-1934	50-minute session
Naoko Munakata	Combining UV and Chlorination for Disinfection of Wastewater Effluents and Reclaimed Water	29	Thursday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session

Name	Title of Presentation	Session No.	Session Day	Session Time Slot	Session Chair Name	Session Chair Phone No.	Presentation Duration
Nathan Hodges	Unconventional Air Plenum Repair-Part II: How we fixed our legacy of air leaks.	6	Wednesday	4:05 PM	Roy Reynolds	(714) 686-2064	25-minute session
Nathan Judd	Saving Space with Electrical Equipment	4	Wednesday	1:40 PM	Richard Watts	(909)437-5900	50-minute session
Neil Massart	Anaerobic Digestion - Sustainability by Improving Mixing Efficiency	12	Thursday	11:00 AM	Jon Hay	(949) 753-0500	25-minute session
Nick Arhontes, P.E.	Obtaining "Fair Share" local sewer fees.	17	Thursday	11:00 AM	Dave Kachelski	(909) 877-2752	25-minute session
Nitin Verma	Rancho California Water District's Wastewater Treatment Facility Expansion - Design and Construction Stage	28	Thursday	2:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Onder Caliskaner	Long Term Pilot Study of Three Different Wastewater Filtration Technologies	10	Wednesday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Onder Caliskaner	Solution of depth filtration equation	10	Wednesday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Paul Bland	Belt Filter Press Operator Training Manual	24	Thursday	1:40 PM	Richard Watts	(909)437-5900	50-minute session
Paul Giguere, P.E.	Making the Most of your Sewer Inspection Dollars: The City of Downey's Collection System Assessment Program	38	Friday	11:00 AM	Mark Chamberlin	(951) 928-3777	25-minute session
Paul R. Burnett	Confined Space - What Do The Regulations Really Mean?	15	Thursday	11:00 AM	Steve Laren	(925) 756-1934	50-minute session
Paul Seitz, P.E.	Tunneling – Protecting The Environment While Golfers Play Through	31	Friday	8:00 AM	Mark Chamberlin	(951) 928-3777	50-minute session
Paul Wallace	San Gabriel Basin Advanced Water Treatment Project For Groundwater Recharge	9	Wednesday	2:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Peter Halpin	Trace Metals in POTW samples by ICPMS cell based techniques: Optimizing interference reduction for better	3	Wednesday	3:40 PM	Cassie Prudhel	(650) 829-3840	50-minute session
Phil Ackman	UV Disinfection System Commissioning: Plug and Play or Pray It'll Play	29	Thursday	4:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Philip Lo	"Greening" of Industrial Dischargers through an Industry Advisory Council	35	Friday	9:00 AM	Michael Simpson	(323) 342-6047	25-minute session
Phillip Gedalanga	Development of a Quantitative PCR Method to Differentiate Between Viable and Non-Viable Bacteria in	32	Friday	11:00 AM	Jennifer Ku	(510) 287-1681	25-minute session
Phillip Torney	Older Pump Stations - Keep'em Running	16	Thursday	11:00 AM	Roy Reynolds	(714) 686-2064	50-minute session
Pitiporn Asvathanagul	Molecular Technique detecting Nocardia spp.: Filamentous Organism Predominate in bulking Activated	32	Friday	10:00 AM	Jennifer Ku	(510) 287-1681	25-minute session
Polly Wong	Use of Web-based Application for Managing Construction Projects	37	Friday	11:25 AM	Dave Kachelski	(909) 877-2752	25-minute session
Rachel. S. McCormick	Endocrine Disruption Detection in Wastewater Effluent Before and After Algal Channel Filtration	3	Wednesday	1:40 PM	Cassie Prudhel	(650) 829-3840	25-minute session
Rajat Kanti Chakraborti	PROTOCOL FOR AN ADVANCED WATER PURIFICATION FACILITY PROOF PILOT TESTING	49	Friday	3:45 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Rajesh Doppalapudi	EASTERN MUNICIPAL WATER DISTRICT COMPLETES A WAS THICKENING EXPANSION	2	Wednesday	2:40 PM	Jon Hay	(949) 753-0500	25-minute session
Raluca Constantinescu	Understanding Flow Measurement Discrepancies	6	Wednesday	1:40 PM	Roy Reynolds	(714) 686-2064	50-minute session
Raluca F. Constantinescu	Lift Stations - Electrical Design Considerations	44	Friday	1:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Raymond J. Kearney, P.E., BCEE	A New Thermal Process for Energy Efficiently Converting Biosolids to a Renewable Fuel is Operating	12	Thursday	9:00 AM	Jon Hay	(949) 753-0500	25-minute session
Reed Sato	Current Issues in the Enforcement of Mandatory Minimum Penalties Against NDPEs Permit Holders	46	Friday	1:40 PM	Nichole Baker	(916) 273-1500	50-minute session
Richard Bichette, P.E.	Maximizing a Valuable Resource - Inland Empire Utilities Agency Recycled Water Program	50	Friday	3:45 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Richard Konieczka	Wind Turbines in WWTP's	23	Thursday	4:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Rick Lewis	Line Cleaning, Sewer hose Maintenance. Nozzle Selection and Truck Maint	41	Friday	2:50 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Rob Williams	A Model Design: Pump Station 1/6 Scale Physical Modeling Solves Complex Design Issues for Large	44	Friday	3:45 PM	Mark Chamberlin	(951) 928-3777	50-minute session
Robert B Stallings	Process Modifications to Control Foaming in Aeration Tanks	14	Wednesday	9:00 AM	Richard Watts	(909)437-5900	25-minute session
Robert Matthews	Sustainability of the Clean Water Act and an Update of the New Congressional and Presidential Leadership	46	Friday	3:45 PM	Nichole Baker	(916) 273-1500	50-minute session
Roger Stephenson	Design for Success: The Lancaster WRP Experience	8	Wednesday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Rosanna Lacarra	Tale of Two Cities: Urban Runoff Pollutant and Source Elimination Parallel Approaches for Two San Diego	45	Friday	2:50 PM	Michael Simpson	(323) 342-6047	50-minute session
Ruben Robles	CALIFORNIA'S FIRST DESIGN-BUILD BIOSOLIDS RECYCLING FACILITY: THREE YEARS OF	22	Thursday	1:40 PM	Jon Hay	(949) 753-0500	50-minute session
Santiago Escobar	"The Road to PdM Excellence": Orange County Sanitation District Winner Uptime Magazine "Best Got Gas? How to Inventory Your Greenhouse Gas Emissions.	6	Wednesday	3:40 PM	Roy Reynolds	(714) 686-2064	25-minute session
Sarah Deslauriers	Quantification of Ammonia Volatilization during Sprinkler Irrigation of Recycled Water	23	Thursday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Sarika Doshi	Process Energy Efficiency Optimization: Pragmatic Approaches and Potential Benefits	42	Friday	2:05 PM	Jennifer Ku	(510) 287-1681	25-minute session
Scott Buecker	Virus and Bacterial Inactivation by Sequential Chlorination: Pilot-Scale Evaluation	34	Friday	11:00 AM	Richard Watts	(909)437-5900	25-minute session
Shiaw-Jy Huitric	ABCs of TREs and TIEs, including Selenastrum testing	29	Thursday	2:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Stephen L. Clark	A Localized Mercury Bioaccumulation Study - Results and Policy Implications	43	Friday	1:40 PM	Cassie Prudhel	(650) 829-3840	50-minute session
Stephen McCord	IS YOUR LABORATORY CERTIFIABLE? REQUIREMENTS OF THE CALIFORNIA	36	Friday	10:00 AM	Nichole Baker	(916) 273-1500	50-minute session
Steve Boggs	Energy Efficiency Opportunities in WWT facilities	13	Thursday	9:00 AM	Cassie Prudhel	(650) 829-3840	50-minute session
Steve Fok	Ocean Outfall Inspection Results	48	Friday	1:40 PM	Andre Schmidt	(562) 908-4288, ext. 2485	25-minute session
Tadeo Vitko	CalARP/RMP Five-Year Updates	38	Friday	11:25 AM	Mark Chamberlin	(951) 928-3777	25-minute session
Teresa Marion		51	Friday	3:45 PM	Steve Laren	(925) 756-1934	50-minute session

Name	Title of Presentation	Session No.	Session Day	Session Time Slot	Session Chair Name	Session Chair Phone No.	Presentation Duration
Thomas D. Hendrey	The sky is falling & costs exploding. Ideas to Counter future Cost Increases	17	Thursday	8:00 AM	Dave Kachelski	(909) 877-2752	50-minute session
Thomas Hendrey	Digester Gas Fuel Cell Project - Lessons Learned	23	Thursday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Tiffany Knapp, P.E.	Navigating the Maze: SRF Financing from an Engineering and Public Works Perspective	17	Thursday	11:25 AM	Dave Kachelski	(909) 877-2752	25-minute session
Tim Berschauer	Chemical Systems: Pumps Options and System Design	6	Wednesday	2:40 PM	Roy Reynolds	(714) 686-2064	50-minute session
Tom Wilson	Using MBBRs to Meet ENR Nitrogen Levels for Over 8 Years	28	Thursday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Tom Godsey	CROSS TRAINING PROJECT MANAGERS FOR SUCCESSION PLANNING	47	Friday	2:05 PM	Dave Kachelski	(909) 877-2752	25-minute session
Tom Mossinger	The Future of Green Energy Technologies (Solar, Fuel Cells, and Algae)	23	Thursday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Tom Mossinger	Fuel Cell Success Stories - Aperiating success at City of Tulare, Eastern Municipal Water District & City of	23	Thursday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Tom Richardson	Potable Reuse - It's Time Has Come!	50	Friday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Tom Widera	DMRQA The Easy Way	43	Friday	2:50 PM	Cassie Prudhel	(650) 829-3840	50-minute session
Tri-TAC Chairs	Tri-TAC 2008 and Beyond	36	Friday	11:00 AM	Nichole Baker	(916) 273-1500	50-minute session
Troy Reynolds	Benefits of Total Solids Measurement in the Wastewater Treatment Process	24	Thursday	4:05 PM	Richard Watts	(909)437-5900	25-minute session
Ufuk Erdal	Selection of the Most Suitable Technology for the Treatment of Ultrafiltration Reject from Perris Water	20	Thursday	10:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Val S. Frenkel	Membrane Technologies: Past, Present, Future.	20	Thursday	9:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Victor Santa Cruz	Protozoans and Metazoans	3	Wednesday	2:40 PM	Cassie Prudhel	(650) 829-3840	50-minute session
Vijay Sundaram	Pilot Testing MF-Ozone-BAC Process Train for Removal of EDCs, PPCPs, and other Emerging Contaminants of	49	Friday	2:50 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Vijay Sundaram	Cost Effectiveness and Environmental Benefits of Combined Ozonation-UV System for Water Reclamation	10	Wednesday	3:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Wendie C. James	And They Say There's No "P" in Water	9	Wednesday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Wendie C. James	Water, Water, Everywhere and Every Drop to Drink: Securing San Diego's Water Future	30	Thursday	3:05 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
Wen-Yi Shih, Ph.D.	Enhancement of Overall Desalination Plant Recovery Through Brine Minimization for Inland Desalination Plants	50	Friday	3:15 PM	Pavitra Prabhakar	(562)908-4288 x2131	25-minute session
William (Bill) Ray	Getting data quality into CIWQS	43	Friday	3:45 PM	Cassie Prudhel	(650) 829-3840	50-minute session
William Frabell	Bearing Hands-On Failure Workshop	16	Thursday	10:00 AM	Roy Reynolds	(714) 686-2064	50-minute session
Yazdan Emrani	Implementing an Effective SSMP Using Innovative GIS Solutions	21	Thursday	2:40 PM	Mark Chamberlin	(951) 928-3777	50-minute session
YJ Shao	Full Scale Testing for Sludge Retention Time (SRT) vs. Waste Activated Sludge (WAS) Production	40	Friday	10:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Zhi Zhou	ADVANCED MEMBRANE TREATMENT OF WASTEWATER AND RESULTING AQUATIC IMPACT	20	Thursday	11:00 AM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Zhi Zhou	COST-EFFECTIVE TECHNOLOGIES FOR SMALL-SCALE WATER REUSE	30	Thursday	1:40 PM	Pavitra Prabhakar	(562)908-4288 x2131	50-minute session
Zoanne Tafolla	Toxic Chemical Release or Earthquake - When the Fireworks Fly, Will You be Prepared for an Emergency	15	Thursday	10:00 AM	Steve Laren	(925) 756-1934	50-minute session