

Time	Day	Paper #	Symposium	Title	First	Last	ACS	ENVR
10:40 AM	Sun	5	Advances in Analytical Chemistry for Environmental Applications	Exploring the non-target analyte screening capabilities of high resolution mass spectrometry for natural water samples	Heinz	Singer	Y	Y
10:30 AM	Mon	26	Environmental Science and Technology: A Tribute to William "Bill" Glaze	Impact of open air/ambient desorption ionization mass spectrometry on environmental chemistry	O. David	Sparkman	Y	Y
2:35 PM	Mon	32	Advances in Analytical Chemistry for Environmental Applications	Fabrication of novel Cu/TiO ₂ -based imprinted polymers for detection of phosphine	Sue-min	Chang	Y	N
3:00 PM	Mon	39	Environmental Science and Technology: A Tribute to William "Bill" Glaze	Application of an improved pseudo-deterministic receptor model to apportion ambient PM constituents to sources in Tampa, FL	Gregory M.	Beachley	Y	Y
3:25 PM	Mon	40	Environmental Science and Technology: A Tribute to William "Bill" Glaze	Treatment of truck-wash water using electrocoagulation	Jewel Andrew	Gomes	Y	Y
11:30 AM	Tue	49	Biological Detection and Surface Sampling for Biodefense	Ambient aerosol characterization for improved understanding of bioaerosol diversity and fluctuation	Joshua L.	Santarpia	Y	Y
10:05 AM	Wed	74	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	Impact of nanoscale zero-valent iron treatment on the geochemistry and microbial diversity of trichloroethylene contaminated aquifers	Teresa L.	Kirschling	Y	Y

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12:00 PM	Wed	83	Emerging Contaminants, Pharmaceuticals and Personal Care Products, and Organohalogens in Wastewater and Municipal Biosolids	Occurrence and bioavailability of brominated flame retardants (BFRs) in land applied municipal biosolids	Robert C.	Hale	Y	Y
3:05 PM	Wed	88	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	New method for recycling EDTA via formation of EDTA iron(III) sodium salt	Li	Wang	Y	Y
3:25 PM	Wed	89	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	Photodegradation of methyl orange with the use of tantalum pentoxide under UV light	Eugene	Sosnov	Y	N
3:45 PM	Wed	90	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	Sonochemical remediation of phthalates: A mechanistic analysis using LC-MS	Daniel	VandenBurg	Y	Y
3:25 PM	Wed	95	Emerging Contaminants, Pharmaceuticals and Personal Care Products, and Organohalogens in Wastewater and Municipal Biosolids	Environmental risk assessment of endogenously-produced and exogenously-consumed pharmaceutically active compounds: A Canadian perspective	Usman	Khan	Y	Y
4:15 PM	Wed	97	Emerging Contaminants, Pharmaceuticals and Personal Care Products, and Organohalogens in Wastewater and Municipal Biosolids	Issues, implications, and possible remedies regarding pharmaceutical contaminants in Maryland's environment	Nataliue A.	Pascale	Y	Y
6-8 PM	Wed	105	General Papers	Photoirradiation of polycyclic aromatic hydrocarbon diones by UVA light leading to lipid peroxidation	Yuewei	Zhao	Y	N

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6-8 PM	Wed	106	General Papers	Cavity ring-down spectroscopic study of gas-phase absorption cross sections of 2-nitrobenzaldehyde and benzaldehyde in the 285-400 nm region, and photolysis of 2-nitrobenzaldehyde vapor at 308 nm and 351 nm	Chengzhu	Zhu	Y	Y
6-8 PM	Wed	138	General Papers	Reduction of cadmium and lead uptake of carrots with calcium, zinc, and manganese	Krista	Fieselmann	Y	Y
6-8 PM	Wed	161	General Papers	Method development for nitric oxide radical determination in natural water	Emmanuel Folo Olasehinde		Y	Y
6-8 PM	Wed	174	General Papers	Evaluating waste charcoal as potential rubber composite filler	Steven C.	Peterson	Y	Y
6-8 PM	Wed	186	Advances in Analytical Chemistry for Environmental Applications	Geochemical conditions affecting electrode-based removal of uranium	Juan	Peng	Y	Y
6-8 PM	Wed	188	Environmental Science and Technology: A Tribute to William "Bill" Glaze	Novel arsenic filters based on composite iron matrix: Fundamental studies, production and large scale deployment	Sad	Ahamed	Y	Y
6-8 PM	Wed	198	Environmental Science and Technology: A Tribute to William "Bill" Glaze	Photocatalytic behavior of salicylic acid modified TiO ₂ for degradation of Bisphenol A	Chen-Tuan	Chang	Y	Y
10:05 AM	Thu	210	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	Electrode-based reactive capping of contaminated sediments for in situ redox control	Mei	Sun	Y	Y

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11:10 AM	Thu	220	Emerging Contaminants, Pharmaceuticals and Personal Care Products, and Organohalogens in Wastewater and Municipal Biosolids	Sonochemical degradation of pharmaceuticals and personal care products using continuous and pulsed ultrasound in aqueous solution	Ruiyang	Xiao	Y	Y
3:25 PM	Thu	229	Emerging Environmental Technologies toward a Cleaner and Sustainable Society	Perchlorate reduction catalysts derived by ligand-induced adsorption of perrhenate onto Pd/C	Yunxia	Zhang	Y	Y