

4th Workshop on Frontiers in Environmental Chemical Research : AOPs in Water Treatment

Data: Aug. 31 (Thr) – Sep. 1 (Fri), 2017

Venue: Environmental Engineering Bldg. (room #112), Pohang University of Science and Technology (POSTECH), Pohang, Korea

Program

Time	Lecture Title	Speaker
8/31 (Thr.)		
9:50-10:00	Opening Remark / 개회사	포항공대 최원용
	Congratulatory Remark / 축하사	연세대 강준원
10:00-10:30	Wastewater treatment by Electrochemically Generated Reactive Chlorine Species: Considerations for Practical Applications	포항공대 조강우
10:30-11:00	Reactive Oxygen/Chlorine Species - Maximizing Their Applicability for Solar-Energy-Water Nexus	경북대 박현웅
11:00-11:30	Extraordinary Light-harvesting Technique: Upconversion - Principles and Application to AOP	부산대 김재혁
11:30-12:00	Effect of halide on interaction of radical species with biomacromolecules in water	서울대 최정권
12:00-13:30	Lunch	
13:30-14:00	Microbicidal effects of bimetallic iron-copper nanoparticles	UNIST 이창하
14:00-14:30	선형 나노소재를 이용한 유해미생물 소독기술	KIST 김은주
14:30-15:00	고도산화공정을 이용한 조류기인 이취미 및 독소 물질의 분해 메커니즘	서울대 조경덕
15:30-16:00	산화 수처리에서 미량 및 신종 오염물질 제거 효율	GIST 이윤호
16:00-16:30	Coffee Break	
16:30-17:00	FeS ₂ catalyzed Fenton reaction for removal of organic pollutants	건국대 배성준
17:00-17:30	Investigating the mechanism behind persulfate activation: Radical-induced oxidation versus mediated electron transfer	고려대 이재상
17:30-18:00	Quantitative Classification of Oxidant Generating Electrodes for Environmental Application	서울대 윤제용
18:00-18:30	Semiconductor Photocatalysis as an AOP: Status and Prospects	포항공대 최원용
18:30	Closing Remark	
9/1 (Fri.)		
10:00~12:00	AOPs 기술 최신동향 종합토론	

Organizer: Wonyong Choi and Kangwoo Cho, POSTECH

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