

**Symposium on "Sustainable Green Chemistry: Bench to Market"**

ACS National Meeting in San Francisco - Now Virtual (August 17-20, 2020)

Organizers: Joe Sabol, H. N. Cheng

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Control ID	Abstract Title	Presenting Author	Affiliation	Pacific Daylight Time
<b>Sustainable Green Products, I (Session Chair: H. N. Cheng)</b>				
3434441	Materials metabolism: Enabling the circular economy	John C. Warner	Warner Babcock Institute	Monday morning 10:00 am - 12:00 noon PDT August 17, 2020
3418903	Renewable Acrylic Acid enables Bio Economy of Superabsorbent Polymers, Coatings, Adhesives, etc.	Dimitris Collias	Procter & Gamble	
3435535	Microbially Produced High-Purity Glucaric Acid for Diverse Uses	Tyler N. Smith	Kalion, Inc.	
3435533	Making the Future of Consumer Care	Hubert Chaperon	Zymergen Inc.	
<b>Sustainable Green Products, II (Session Chair: Joe Sabol)</b>				
3424730	Biofene™: So much more than a biofuel feedstock	Derek McPhee	Amyris	Monday afternoon 1:00 - 3:00 pm PDT August 17, 2020
3433017	Zaoki catalyst for biogas desulfurization: A case study of a green tech academic technology scale-up from bench to market	Vitor Almeida	UFMG, Brazil	
3426848	When the (bio)rubber met the road: how gel-point suppression paved the way for new opportunities for vegetable oil and its derivatives in large volume markets.	Eric Cochran	Iowa State U.	
3432090	Science Communication Through Public-Private Partnerships to Drive Utilization of Biobased Transportation Products	Jimmy Gosse	AURI	
<b>Sustainable Green Chemistry (Session Chair: Joe Sabol)</b>				
3429746	Synthetic Organic Chemistry in Water; It's Our Future	Bruce Lipshutz	UC Santa Barbara	Tuesday morning 10:00 am - 12:00 noon PDT August 18, 2020
3425038	Thermally-Recyclable Materials Derived from Free Fatty Acids and Elemental Sulfur	Andy Tennyson	Clemson U.	
3432742	Current Progress on Improving Hydroxy Fatty Acid Production in <i>Lesquerella (&lt;i&gt;Physaria fendleri&lt;/i&gt;)</i> Through Metabolic Engineering	Grace Chen	USDA	
<b>Sustainable Green Polymers (Session Chair: Massoud Miri)</b>				
3432717	Sustainable Bioplastics and Green Composites: Circular Bio-Economy Driven Innovation and Commercialization	Amar Mohanty	U. Guelph	Tuesday afternoon 1:00 - 3:00 pm PDT August 18, 2020
3429712	Versatile nanocellulose aerogels: from amphiphilic, tunable hydrophobic to conducting and thermal insulating	You-Lo Hsieh	UC Davis	
3433422	How to Make Sustainable Polymers Marketable	Massoud Miri	Rochester Inst Tech	
3435847	High Performance Thermosetting Polymer Systems Based on Furan Building Blocks	Giuseppe R. Palmese	Drexel U.	
<b>Converting Waste to Wealth (Session Chair: William Orts)</b>				
3429948	Creating commercial markets for agriculturally-derived bioproducts toward "zero waste" farming practices	William Orts	USDA	Wednesday morning 10:00 am - 12:00 noon PDT August 19, 2020
3430180	Waste Valorization for a Circular Economy	Wan-Ting Chen	U. Mass Lowell	
3432932	Activated Carbon from Brazilian Agricultural Residues	Delilah Wood	USDA	
3428391	Increasing the quest for recycled fibers: Chemical recycling of apparel	Amanda Cattermole	Cattermole Consulting	
<b>Sustainable Green Opportunities (Session Chair: H. N. Cheng)</b>				
3432784	Understanding plastic biodegradation in mealworms ( <i>Tenebrio molitor</i> ): A step toward sustainable waste degradation and overcoming pollution	Alexa Garcia	Stanford U.	Wednesday afternoon 1:00 - 3:00 pm PDT August 19, 2020
3434202	Sustainable Science at My Green Lab	Rachael Relph	My Green Lab	
3413343	Sustainability in product development	H.N. Cheng	USDA	