

## WHERE TO FIND LANGAN AT **BATTELLE**

### PANEL DISCUSSION

WEDNESDAY, 4/17/2019 - TRACK C

#### **Green and Sustainable Remediation: The Why and How of Establishing a Corporate Program**

MODERATOR: **Matthew Ambrusch, PE, Senior Staff Engineer, Parsippany, NJ**

### SESSION CHAIRS

WEDNESDAY, 4/17/2019

SESSION CATEGORY: **C6. Combined Treatment of Emerging Contaminants with CVOCs**

CHAIR: **Stewart Abrams, PE, Principal/Director of Remediation Technology, Lawrenceville, NJ**

SESSION CATEGORY: **E6. Big Data and Integration of Molecular Tools in Site Assessment: Advanced Omics**

CHAIR: **Raymond Lees, PE, CHMM, BCEE, Project Director, Doylestown, PA**

THURSDAY, 4/18/2019

SESSION CATEGORY: **A9. Incorporating Sustainability Considerations into Remediation Projects**

CHAIR: **Matthew Ambrusch, PE, Senior Staff Engineer, Parsippany, NJ**

SESSION CATEGORY: **D7. Vapor Intrusion Design and Mitigation Methods**

CHAIR: **Omer Uppal, Senior Project Manager - Remediation Technology, Parsippany, NJ**

## PLATFORM PRESENTATIONS

**TUESDAY, 4/16/2019**

SESSION CATEGORY: **B1. Combined Remedies**

TITLE: **Anaerobic Biodegradation of Chlorobenzene, Dichlorobenzene and Benzene in Shallow Saturated Soils**, *A. Oka, S. Florkiewicz, H. Nichols, S. Abrams, and E. Seelman*

PRESENTER: **Amita Oka, PhD, Senior Staff Scientist, Lawrenceville, NJ**

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SESSION CATEGORY: **B1. Combined Remedies**

TITLE: **Bioaugmentation after Thermal Conductive Heating in Overburden and Bedrock**, *L. Zeng, S. Abrams, M. Wenrick, L. Antonetti, and J. Smith*

PRESENTER: **Lingke Zeng, EIT, LEED AP, Remediation Specialist, Doylestown, PA**

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SESSION CATEGORY: **B2. Successes and Continuing Challenges for Bioaugmentation and Biostimulation**

TITLE: **Successes and Challenges of Bioaugmentation DNAPL in a Low-Permeability Aquifer**, *S. Abrams, L. Zeng, M. Wenrick, M. Papperman, and N. Rivers*

PRESENTER: **Stewart Abrams, PE, Principal/Director of Remediation Technology, Lawrenceville, NJ**

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**WEDNESDAY, 4/17/2019**

SESSION CATEGORY: **B3. Innovative and Efficient Amendment Delivery Strategies**

TITLE: **Phased Amendment Delivery at Urban Brownfield to Address Mixed Plume**, *J.F. Good, J. Hayes, L. Zeng, S. Abrams, and A. Miller*

PRESENTER: **Joseph Good, PE, LEED AP, Senior Project Manager, New York, NY**

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SESSION CATEGORY: **C6. Combined Treatment of Emerging Contaminants with CVOCs**

TITLE: **1,4-Dioxane Bioaugmentation during and after Anaerobic Degradation**, *L. Zeng, S. Abrams, A. Oka, M. Li, and F. Li*

PRESENTER: **Lingke Zeng, EIT, LEED AP, Remediation Specialist, Doylestown, PA**

## PLATFORM PRESENTATIONS (CONT'D)

**THURSDAY, 4/18/2019**

SESSION CATEGORY: **D7. Vapor Intrusion Design and Mitigation Methods**

TITLE: **Vapor Intrusion Mitigation: A Different Spin On HVAC Systems**, *M. Ambrusch, O. Uppal, A. Quinn, R. Andersen, C. Barnes, and S. Abrams*

PRESENTER: **Matthew Ambrusch, PE, Senior Staff Engineer, Parsippany, NJ**

## POSTER PRESENTATIONS

**TUESDAY, 4/16/2019**

SESSION CATEGORY: **B2. Successes and Continuing Challenges for Bioaugmentation and Biostimulation**

TITLE: **Secondary Geochemical Impacts of Bioremediation Observed in Glacial Till and Passaic Formation**, *L. Zeng and S. Abrams*

PRESENTER: **Lingke Zeng, EIT, LEED AP, Remediation Specialist, Doylestown, PA**

**WEDNESDAY, 4/17/2019**

SESSION CATEGORY: **C9. Optimizing Existing Systems**

TITLE: **Groundwater Pump & Treat System Optimization Evaluation**, *L. Zeng, H. Nichols, M. Wenrick, I. Khan, and S. Abrams*

PRESENTER: **Lingke Zeng, EIT, LEED AP, Remediation Specialist, Doylestown, PA**

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SESSION CATEGORY: **D6. Abiotic Transformation Processes**

TITLE: **Abiotic and Biotic Treatment underneath an Active Shopping Center**, *S. Abrams, L. Zeng, M. Wenrick, and K. Tyson*

PRESENTER: **Stewart Abrams, PE, Principal/Director of Remediation Technology, Lawrenceville, NJ**

## **ADDITIONALLY, VISIT US AT BOOTH #215.**

For questions, contact:

**Stewart Abrams, Conference Technical Steering Committee Member**

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