

Natural Pozzolan Symposium Agenda

Wickenburg, AZ – Rancho de los Caballeros Resort

Tuesday, May 16th

6:00-8:00 PM **Symposium Registration/Taco Bar – Resort Lobby/Cafeteria**

Wednesday, May 17th

Time	Topic	Speaker
700-755	<i>Breakfast Provided @ Resort/Registration Lobby</i>	
800-805	NPA Symposium – Welcome & Introduction	Areta Zouvas – KMC, Host & NPA Past President Jeff Whidden – President, NPA
805–825	Type IP Product Development in New Mexico	Bryan Patterson, GCC
830-850	Testing Program - NPs	Boyd Clark, CTL Gp
855-915	A framework for characterizing and evaluating natural pozzolans for their use in concrete.	Krishna Siva Teja Chopperla, Oregon State U.
920-940	Evaluation emerging reactivity tests to determine pozzolanic activity of SCMs	Martin Bojorquez Carrillo/GCC
945-1010	NP: A Ready-Mix Perspective	Dana Rotkovich, Burnco
1015-1025	<i>Break</i>	
1025-1045	Rapid estimation of NP dosages for mitigating ASR using innovative chemical screening tool	Anol Mukhopadhyay, TX A&M
1050-1110	Natural Pozzolan Compositional Diversity and why Zeolites are Different	John Fox, Prescott Petrographics
1115-1135	Achieving high clinker replacements with the use of limestone cements and natural supplementary cementitious materials	Maria Juenger, UT_Austin
1140-1200	Alkali Contribution of Natural and Nonconventional Pozzolans to Concrete Pore Solution	Farshad Rajabipour, Penn State
1205-100	<i>Lunch Provided @ Resort</i>	
Time	Topic	Speaker
105-125	Tailoring raw and processed natural pozzolans for improved performance	Katelyn O’Quinn/UT-Austin
130-150	NPs: Past, Present, and Future	Joseph Thomas, NPA
155-215	Natural Pozzolans: From Product Development through Market Acceptance	Jeff Whidden, CRM
220-240	Introduction to EMT & Kirkland Natural Pozzolan	Derek Wittenben, Eco Material
245-305	<i>Break</i>	
305-325	A Brief History of the Use of NPs in USBR Dams	Catherine Lucero, USBR
330-350	Reduced Portland High Performance Cement Systems	TJ Pisklak, Halliburton

355-405	USACE: Sustainability Focused Funding Opportunity	Jerry Paris/Stephanie Wood
410-430	Low Purity Calcined Clays as Cement Replacements	Yuvaraj Dhandapani/U. of Leeds
435-455	Freeze-Thaw Durability and Resistance to Deicers of Concrete Incorporating Natural Pozzolans.	Amir Malakooti, Genex–FHWA
500-520	The use/benefits of NPs in binary/ternary concrete mixes for DOT pavements with an emphasis on flexural strength & surface resistivity development	John Edwards, 3M Patrick Barnhouse, AET
600	Hayride at the Corral/BBQ Cookout	End of Day's Activities

Thursday, May 18th

Time	Topic	Speaker
700-800	<i>Breakfast Provided @ Resort</i>	
800-805	Welcome to Day 2 of the NPA Symposium/Admin	NPA Officer
805-825	NPs in Alternative Cementitious Systems	Brian Jeppsen, Hess Pumice
830-850	High-performance green concrete with high-volume NP: Mechanical, carbon emission & cost analysis	Mr. Aaron Szlinsky/Dr. MD Uzzal Hossain, Peakward
855-915	Potential of Using High-Alkali Natural Pozzolans as Supplementary Cementitious Materials for Mitigating Alkali-Silica Reaction in Concrete	Prasada Rangaraju, Clemson
920-930	A Durability-based Performance Evaluation Approach for Effective Utilization of NPs in Concrete	Anol Mukhopadhyay – TX A&M
935-955	Improving the Guidance to ASTM C1778 for Preventing Alkali-Silica Reaction	Thano Drimalas, UT-Austin
1000-1010	<i>Break</i>	
1010-1030	Preliminary technical and environmental evaluation of the use of leached rice straw ash as a NP in comparison to rice hull ash and rice hull biochar	Somayeh Nassiri, UC Davis
1035-1055	Hyaloclastite Natural Pozzolan - A Substitute for Fly Ash, Slag, Silica Fume and Metakaolin in Normal and High-Performance Concretes	Romeo Ciuperca, Greencraft
1100-1120	MnRoad Concrete Performance	Alf Gardiner, Braun Intertec
1125-1145	Natural Pozzolans at the MnRoad Low-Carbon Concrete Test Site	Nick Weitzel, NCE
1150-1210	Action Item Development - Discussion on a strategic plan to influence specifying agencies to allow for meeting the water demand of NPs/P2P	Dave Figurski, Holcim
1215-1220	Mine Tour Instructions prior to Lunch	Areta Zouvas, KMC
1220-120	Lunch Provided/Symposium's Official End	
120-130	Load Bus/Cars for Mine Tour	Areta Zouvas, KMC
130-400	Mine tour hosted by EM/KMC – includes travel time	