



## CONSORTIUM FOR BATTERY INNOVATION 2019 CHINA TECHNICAL WORKSHOP

Tuesday, 05 March

Time	Item	Speaker
9:00-12:00	Registration Desk Open	
13.00-13.20	Introduction	CBI, CNIA
13.20-13.45	Participant introductions	All
13.45-14.30	ALABC/CBI Update	Alistair Davidson
14.30-15.00	Coffee Break	
15.00-15.25	Effect of carbon and expander on NAM stability	Tianneng
15.25-15.50	Effect of rare earth alloys on lifetime at elevated temperature	Xianyu Cai, China Shoto
15.50-16.15	Life/cost optimization of AGM VRLA for ESS applications (based on IEC 61427-2)	Ding Ping, Narada Power Source
16.15-16.45	Improve the Positive Paste Performance with TTBLs Seed Crystals - A Taguchi DOE Approach	Enqin Gao, Hammond
16.45-17.05	Effect of nano-silica sol on lifetime	Haouwen Wang, Jinkeli
17.05-17.30	General Discussion	
Close		



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Wednesday, 06 March

Time	Item	Speaker
	Introduction	CBI
09.00-09.20	CBI Roadmap – Lead battery market assessment	Alistair Davidson, CBI
09.20-09.40	CBI Roadmap – Future research objectives	David Rand, CBI
09.40-10.20	Lead Recycling Market of China and Implications for the Battery Market	Zhang Lin, CNIA
10.20-10.50	Coffee Break	
10.50-11.20	The situation, key issues, focus and trend of China's renewable lead industry	Li Shilong, Chairman, China's Renewable Resources Technology Innovation Strategic Alliance
11.20-11.50	Advanced additives for improved DCA in start-stop automotive application	Paolina Atanassova, Cabot
11.50-13.10	Lunch	
13.10-13.40	Positive Active Mass (PAM) of the lead-acid battery: A porous body of nano-particles	Eberhard Meissner
13.40-14.00	Tydyrolyte test results in lead batteries	Paul Bundschuh, Tydyrolyte
14.00-14.05	Introduction to lead section	Alistair Davidson, CBI
14.05-14.35	Global and China Lead Market	Xia Cong, Antaike
14.35-15.05	Understanding lead alloys and their impact on battery production and performance	Mark Stevenson, Global Lead Technologies
15.05-15.35	Tea	
15.35-16.05	Teck Trail: A Fully Integrated Zinc Lead Metallurgical Complex	Paul Kolisnyk, Teck Metals (tbc)
16.05-16.35	The innovation and development of comprehensive utilization of waste lead-acid battery in Chunxing	Ma Yonggang, Vice President, Jiangsu Chunxing Group
16.35-17.35	The complexities behind secondary smelting and some current developments	Mark Stevenson, Global Lead Technologies
17.35-18.00	General discussion	
Close		