

BAJC News Highlights:

- BAJC Technical Advisory Panel carefully assessed and selected eight projects as **BAJC Round 6 Project**, in total to receive Baosteel approved funding of \$1.6 million over three years commencing from January 2017.

Reference	Lead CI	University	Project Title
BA16001	Xiaobo Chen	MU	Advanced strategies to develop stainless magnesium alloys
BA16002	Shibo Kuang	MU	Model studies of three-dimensional distributions within blast furnace for reliable and efficient operations
BA16003	Samuel Lim	MU	Designing thermomechanical processing of Titanium alloy for enhanced manufacturability and mechanical properties
BA16006	Jianqiang Zhang	UNSW	Investigation of CaO-Al ₂ O ₃ -based mould flux for continuous casting of high Al steel
BA16008	Huijun Li	UOW	Improving Baosteel's competitiveness in the supply of thick walled line pipe
BA16009	Zhengyi Jiang	UOW	Fundamental research on applications of rolled clad steel plates in mining equipment
BA16010	Andrej Atrens	UQ	Hydrogen embrittlement and hydrogen-influenced low-cycle fatigue of advanced high-strength steels and steel parts for automotive applications
BA16011	Lianzhou Wang	UQ	High performance and low cost cathode materials for Lithium ion batteries

- There are four **BAJC Round 6 Project** eligible to participate *ARC Research Hub for Computational Particle Technology Program* which is led by Prof Aibing Yu of Monash University (one of ARC Research Hub and Training Centres).
- Thank you to all lead CIs' contributions! **BAJC Annual Report 2015-2016** is now produced and available to view from our website. BAJC Annual Report is a comprehensive report on centre's activities throughout the preceding year, which best presents our centre, also promote the research work we are conducting.
- Centre Executive Director Prof Geoff Wang visited three BAJC collaborative universities – Monash University, The University of New South Wales and University of Wollongong. He conducted **Project Review Meeting** on BAJC ongoing projects each CI.

BAJC Visitors:

- A group of delegations from Coal Industry Administration Bureau of Xinjiang visited the centre and had further discussions of collaborative work and exchange of students.
- Prof Yong Qin, Vice President of China University of Mining and Technology (CUMT) led a group of delegation visited UQ and BAJC on 6 December. A joint Workshop on Coal and Coalbed Methane held in UQ. The purpose of the visit is to conduct technical exchange with UQ and seek collaboration opportunities for the research, training and staff/student exchange.

A joint Workshop on Coal and Coalbed Methane Images



Caption: 6 December 2016, UQ AEB, Prof Victor Rudolph introduces visitors from China University of Mining and Technology.



Caption: 6 December 2016, UQ AEB, Prof Yong Qin from China University of Mining and Technology presents “Frontier investigation of CBM geology in China”

A joint Workshop on Coal and Coalbed Methane Images



Caption: 6 December 2016, UQ AEB, Prof Jim Undershultz from UQ presents talk.



Caption: 6 December 2016, UQ AEB, group photo of visiting delegations and presenters at the workshop