



GCC-IMCET 1-DAY WORKSHOP

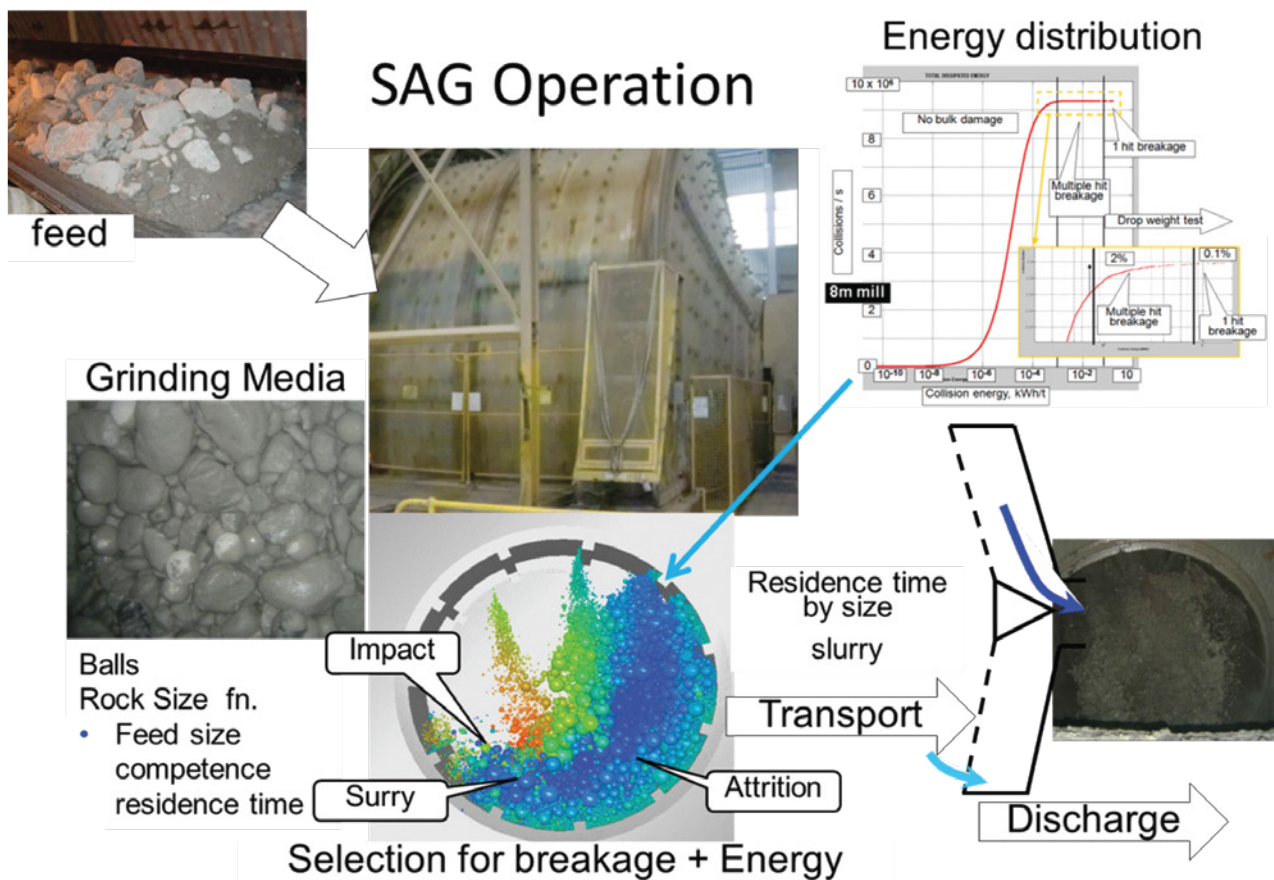
Comminution circuit control based on process understanding

16th April 2019

PRESENT BY WORLD LEADERS IN THEIR FIELDS:

Prof Hakan Benzer - *Hacettepe*
 Prof Malcolm Powell - *JKMRC*
 Prof Aubrey Malnza - *Cape Town*

Prof Magnus Evertsson - *Chalmers*
 Prof Marcelo Tavares - *Rio*
 Prof Arno Kwade - *Braunschweig*



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Comminution circuit control
based on process understanding

Time	Theme	Presenter
30 min	Welcome	Benzer
30 min	1. Overview of the potential of control based on process understanding Discussion of the generic principles that will be addressed for each piece of equipment along the integrated processing chain - Principles of operation - What drives efficiency - Control methodology - Opportunities for improving circuit productivity	Powell, Mainza
30 min	2. HPGR and dry processing	Benzer
30 min	3. The milling circuit as an integrated processing unit - The influence of mining - A linked process - recovery needs	Powell, Mainza Tavares
20 min	Tea break	
30 min	4. Crushing - Crusher size and chamber selection - Importance of automation and control	Evertsson
30 min	5. Looking inside the mill: Key drivers of milling - Charge motion - Energy and breakage environment - Transport and discharge	Govender, Powell Tavares
30 min	6. Classification - controlling circuit throughput and efficiency	Benzer, Dundar, Altun, Mainza
40 min	Lunch	
60 min	7. Fine grinding with stirred mills	Kwade, Benzer, Altun
30 min	8. SAG mills	Powell
20 min	Tea break	
30 min	9. Control drivers: process control, lag time, grindcurves	Powell, Mainza, Evertsson
30 min	10. Concluding Remarks	All
<p>REGISTRATION FEES For Delegates: 250 € For Daily Participant with Accommodation 500 € For Daily Participant without Accommodation 400 €</p> <p>Participation is limited to quota. Please contact imcet@maden.org.tr for register</p>		

