



The Institute of Quarrying Australia  
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**QUARRYING 2007 – ABSTRACT**  
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**Future Technologies**

Science is not always logical even if we hope it's correct. For many years underground drilling was leading the way in modern computerization leaving surface drilling way behind.

This is now all coming to an end. In many ways, quarrying is more demanding than any other rock excavation. Of course, in the end, it's all about dollars per quantity, but in the aggregate business, quantity can be worthless if fragmentation is wrong. It's not about getting cubic metres per day – it's about getting the right fragmentation and volumes per day.

Drilling holes faster and cheaper will be addressed in this presentation, but above all I'll discuss how modern computerized rigs can make straighter holes, exactly where they should be, with less human interference, gaining a better quality of the aggregate blasted. You have seen nothing yet!