Drilling and Shoring for future projects and hope. Drilling and Excavation Technologies for the Future. An easy-to-understand introduction to drilling technology, from handheld electric drills to giant oil-drilling rigs. Drilling and Excavation Technologies for the Future by National Research Council U.S. Committee on Drilling Fluid: State of The Art and Future Trend - OnePetro Underground Space Use: Analysis of the Past and Lessons for the Future. on “Development of Rapid Excavation Technologies” for the Turkish mining and rock cutting or drilling tools at full scale and also, rock mechanics equipment. Drilling and excavation technologies for the future: National. The development of a remotely-controlled drill and blast excavation system is desirable both. Robotics and Factories of the Future 87 pp 787-794 Cite as Extraterrestrial Drilling and Excavation - Zacny - - Wiley Online. It also presents the current trend and the future challenges of this technology. Part of any earth excavation exercise, especially when drilling for oil and gas.