



Present a TUNNELING SEMINAR on WEDNESDAY DEC 5TH
at NOON in BB 125 entitled:

Real-Time Automated Monitoring for Underground Construction & Tunneling

Boris Caro Vargas, M.S.

Instrumentation and monitoring on underground projects has advanced dramatically in the past decade and has now become a required and critical part of major construction projects. This presentation will discuss the latest developments in instrumentation and monitoring as well as data storage and visualization of underground projects, including the application on some of the most challenging tunneling projects in the U.S.



Boris Caro Vargas is the General Manager of SOLDATA in the US and Canada. Boris holds M.S. degrees in civil engineering from Paris in France (*Ecole Nationale Des Ponts Et Chaussees*) and Roma (*Universita Roma II Tor Vergata*) with both structural and geotechnical specialties. Prior to his position with SOLDATA, Boris worked for *Freyssinet* and *Soletanche Bachy* on quality control and instrumentation programs for some of the most sensitive construction activities on civil and underground structures. He was involved in the instrumentation and monitoring programs of some of the major urban tunneling projects in Europe (Barcelona metro line 9, Amsterdam North South metro line, London CrossRail project). He is now in charge of the SOLDATA activities in the US and Canada and is currently working in Seattle where SOLDATA is performing the instrumentation and monitoring program for the Alaskan Way Tunnel Project.