Topic		Priority			
	High	Medium	Low	None	
Advanced process control in your production environment					
Small batch 5 to 100 pieces					
Medium range 100 to 1000 pieces					
High-volume production					
Elimination of customer rejects					
Paperless data capture / automatic data entry					
Inspection data					
Tooling data					
Uptime/Downtime (Machine On/Off)					
Prevention of scrap / rework and reduction of variation					
CNC Turning					
CNC Milling					
Grinding					
Manufacturing Cell					
Multi-spindle machining					
Control of accuracy, timeliness, and completeness of inspection data					
Achievement of consistency between operators					
Saving labor and time					
Control plan design / approval of operation set-up					
Reduction of in-process inspection					
Reduction / elimination of final inspection					
Error-proof certification of product quality and capability studies					

Topic	Priority				
	High	Medium	Low	None	
Advanced process modeling and automated decision making					
Processes with high-rate tool wear					
Close-tolerance dimensions (001" and less)					
Complex machining (over 10 critical features)					
Difficult-to-machine materials					
Integration of First Article, in-process, and final inspection data					
Innovative control of measurement accuracy and precision					
Modified R&R for close-tolerance dimensions					
Error-proof validation of instruments and methods					
Development of plant-wide metrology database					
Intelligent data processing and mix-source data convergence					
CMM & hand-held instruments					
Vision System & hand-held instruments					
Increase of throughput					
Predictive control of offsets and tool changes					
Reduction of cycle time					
Reduction of tooling costs					
SPC documentation					
In-process problem discovery and solutions					
Others					