

**Agenda for PM_{2.5} Monitoring, Quality Assurance, & Data Analysis Workshop (5/8/00 Version)
May 22-25, 2000**

Embassy Suites Conference Center, 201 Harrison Oaks Boulevard, Cary, NC

Schedule	<u>Monday, May 22, 2000</u>		
	<i>Tanglewood, Blowing Rock & Pinehurst</i>		<i>Chimney Rock</i>
7:30 a.m.-8:30 a.m.	Registration (<i>Lobby Outside Meeting Rooms</i>)		Vendors Set-Up for Exhibitions
8:30 a.m. -10:00 a.m.	Plenary Session		
10:00 a.m.-10:30 a.m.	<i>BREAK - Chimney Rock</i>		
10:30 a.m.- Noon	<i>Blowing Rock</i> PM_{2.5} Mass - Monitoring - Lee Byrd -Introduction & Progress Report (Byrd) -PM _{2.5} Monitoring in GA - Deployment, Monitoring, & Results (Redmond) -FRM Filter Recovery Extension Study (Hanley/Watkins)	<i>Pinehurst/Tanglewood</i> PM_{2.5} Mass - QA -M.Papp - Introduction & Progress Report - 30 min - Quality System Review (Panel Discussion)	Vendor Exhibitions
Noon - 1:30 p.m.	<i>LUNCH - On your own.</i>		
1:30 p.m.-3:00 p.m.	<i>Blowing Rock</i> PM_{2.5} Mass - Monitoring -Lee Byrd -Results from Investigation of Crystallized WINS Impactor Oil (Leston, Labickas) -Panel Session on Sampler Deployment & Operational Issues	<i>Pinehurst/Tanglewood - PM_{2.5} Mass - QA</i> Lab Implementation & QA - PM _{2.5} Mass Analysis Lab Pre-certification & Systems Audit - PM _{2.5} Sampling in GA-The Lab Perspective - QA & Method Development of the CT PM _{2.5} Monitoring. - Evaluation of PM _{2.5} Filter Weighing-Autohandler Approach - Automated filter weighing systems at WI State lab of Hygiene	Vendor Exhibitions
3:00 p.m.- 3:30 p.m.	<i>BREAK - Chimney Rock</i>		
3:30 p.m. - 5:00 p.m.	<i>Blowing Rock</i> PM_{2.5} Mass - Monitoring -Lee Byrd -New York PM _{2.5} Data Management System (Sierzenga) -Performance of a New Dichotomous Sequential Air Sampler (Tamanini et. al.) -Wrap-Up	<i>Pinehurst/Tanglewood - PM_{2.5} Mass - QA</i> Assessments -CA's Performance Audit Program -Performance Evaluation Program (PEP) Field Activities -Papp PEP Lab Implementation & Quality Control -R4, R10 PEP Data Management - Hanley PEP data quality assessment - Eberly/RTI	Vendor Exhibitions
5:00 p.m.	<i>ADJOURN</i>		

**Agenda for PM_{2.5} Monitoring, Quality Assurance, & Data Analysis Workshop (5/8/00 Version), Cont.
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Embassy Suites Conference Center, 201 Harrison Oaks Boulevard, Cary, NC

Schedule	Tuesday, May 23, 2000			
	<i>Pinehurst</i>	<i>Blowing Rock</i>	<i>Tanglewood</i>	<i>Chimney Rock</i>
7:30 a.m.-8:30 a.m.	Registration (<i>Lobby Outside Meeting Rooms</i>)			
8:00 a.m. - 10:00 a.m.	<p align="center">Continuous PM_{2.5} (Monitoring & QA Issues - Tim Hanley)</p> <ul style="list-style-type: none"> -Program Overview & Implementation (Hanley) -Air Quality Index (AQI) (Wayland) -Continuous PM monitors using light scatter & beta attenuation (MetOne) -Continuous Ambient Mass Monitoring System (CAMMS) for PM_{2.5} Mass (Schlösser) 	<p align="center">PM_{2.5} Speciation (Monitoring & QA Issues - Jim Homolya)</p> <ul style="list-style-type: none"> -Program Overview & Implementation (Homolya) -Laboratory Services, Data Validation, & Reporting (Jayanty) -Comparison of PM_{2.5} Speciation by ICP-MS with XRF (Ronsse) -Semi-Continuous Measurement of Gas & Particle Phase Ions in Ambient Air (Bowser) -Sequential Sampling Using the Andersen RAAS2.5-400 Speciation Sampler (Davis, Bowser) 	<p align="center">PM_{2.5} Mass - QA (continued from Monday)</p> <p align="center">Data Validation & Data Quality Assessments</p> <ul style="list-style-type: none"> -Data Validation Template - (Panel Discussion) - Data Validation/QA in Delaware - Mass DQA - Eberly 	Vendor Exhibitions
10:00 a.m.-10:30 a.m.	BREAK - <i>Chimney Rock</i>			
10:30 a.m.- Noon	<p align="center">Continuous PM_{2.5} (continued)</p> <ul style="list-style-type: none"> -Continuous monitors for the determination of ambient fine particle mass & chemical components (Meyer) -Eric Egerton (ARA) -Panel Session 	<p align="center">PM_{2.5} Speciation (continued)</p> <ul style="list-style-type: none"> -Tolacka (ORD) -Eberly -Panel Session 	<p align="center">PM_{2.5} Mass Monitoring (continued from Monday)</p>	Vendor Exhibitions
Noon - 1:30 p.m.	LUNCH - <i>On your own.</i>			
1:30 p.m.-3:00 p.m.	<p align="center">Cross-Cutting Issues - Shelly Eberly</p> <p>Panel Discussion on</p> <ol style="list-style-type: none"> (1) Flagging of PM_{2.5} data & the inclusion of flagged data in AIRS-AQS. (2) What kind of PM_{2.5} data is currently in AIRS-AQS, what will be going into AIRS-AQS, issues with summary reports being generated by AIRS-AQS, assessment of AIRS-AQS. (3) Archival of PM_{2.5} FRM filters. 			Vendor Exhibitions
3:00 p.m.-3:30 p.m.	BREAK - <i>Chimney Rock</i>			
3:30 p.m.-5:00 p.m.	<p align="center">Wrap Up/ Follow Up - Lee Byrd</p> <ul style="list-style-type: none"> -Report from each session (Continuous, speciation, quality assurance, mass) -Q&A from workshop participants. 			Vendor Exhibitions

5:00 p.m.	<i>ADJOURN</i>						
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**Agenda for PM_{2.5} Monitoring, Quality Assurance, & Data Analysis Workshop (5/8/00 Version), Cont.
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Time Interval	<u>Wednesday, May 24, 2000</u>						
	<i>Pinehurst</i>	<i>Blowing Rock</i>	<i>Smith</i>	<i>Mendenhall, Bellamy & Hope</i>	<i>Chimney Rock</i>	<i>Tanglewood</i>	<i>Biltmore</i>
7:30 a.m.-8:30 a.m.	Registration (<i>Lobby Outside Meeting Rooms</i>)						
8:00 a.m. -10:00 a.m.	Chemical Speciation Training	Data Analysis Session	Data Software Demonstration (1 st demo)	PEP Field Training	Vendor Exhibition	R&P Vendor Training & Q&A	(Reserved - no scheduled sessions)
10-10:30 a.m.	<i>BREAK - Chimney Rock</i>						
10:30 a.m.-Noon	Chemical Speciation Training (continued)	Data Analysis Session (continued)	Data Software Demonstration (1 st demo continued)	PEP Field Training (continued)	Vendor Exhibition	R&P Vendor Training & Q&A	(Reserved - no scheduled sessions)
Noon - 1:30 p.m.	<i>LUNCH - On your own.</i>						
1:30 p.m.-3:00 p.m.	Chemical Speciation Training (continued)	Data Analysis Session (continued)	Data Software Demonstration (2 nd demo)	PEP Field Training (continued)	Vendor Exhibition	Andersen Vendor Training & Q&A	BGI Vendor Training & Q&A
3-3:30 p.m.	<i>BREAK - Chimney Rock</i>						
3:30 p.m. -5:00 p.m.	Chemical Speciation Training (continued)	Data Analysis Session (continued)	Data Software Demonstration (2 nd demo continued)	PEP Field Training (continued)	Vendors remove Exhibition equipment	Andersen Vendor Training & Q&A	BGI Vendor Training & Q&A
5:00 p.m.	<i>ADJOURN</i>						

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Time Interval	<u>Thursday, May 25, 2000</u>		
	<i>Pinehurst</i>	<i>Blowing Rock</i>	<i>Mendenhall & Bellamy</i>
7:30 a.m.-8:00 a.m.	Registration (<i>Lobby Outside Meeting Rooms</i>)		
8:00 a.m. - 10:00 a.m.	Chemical Speciation Training (continued from Wednesday)	Data Analysis Session (continued from Wednesday)	PEP Field Training (continued from Wednesday)
10:00 a.m. - 10:30 a.m.	<i>BREAK</i>		
10:30 a.m. - Noon	Chemical Speciation Training (continued from Wednesday)	Data Analysis Session (continued from Wednesday)	PEP Field Training (continued from Wednesday)
Noon - 1:30 p.m.	<i>ADJOURN FOR ALL SESSIONS EXCEPT PEP FIELD TRAINING</i>		
1:30 p.m. - 3:00 p.m.	(No sessions)	(No sessions)	PEP Field Training (continued from Wednesday)
3:00 p.m. - 3:30 p.m.			
3:30 p.m. - 5:00 p.m.	(No sessions)	(No sessions)	PEP Field Training (continued from Wednesday)
5:00 p.m.	<i>ADJOURN</i>		