

# WAC 2009 - TAORMINA 1-3/10/2009



F. Paglietti	8.30-9.30	Participant Registration and Welcome
	9.30-11.00	Italian and European Authority and Guests
	Coffee Break	

## October 1<sup>th</sup>

O COUNCI I	COUNT 1				
Session 1 – Topics: Epi	ession 1 – Topics: Epidemiological Studies and Medical Aspects				
Chairmen: A. Tossava	Chairmen: A. Tossavainen - M. Giangrasso				
A. Tossavainen	11.30-11.50	Finnish Institute Of Occupational Health	The Estonian-Finnish Twinning Project: Managing Occupational Risks Related to Asbestos		
			Epidemics of Asbestos-Related Respiratory Diseases from Past Mining and Naturally Occurring Asbestos in		
H. Kim	11.50-12.10	The Catholic University of Korea	Chungnam Provinces, Korea		
A Pietroiusti	12.10-12.25	University of Rome Tor Vergata	Asbestos Related Disorders in Seamen: Epidemiologic Study in IPSEMA insurers and Critical Review of the Literature		
		Research Institute of Occupational Health			
E. Kovalevskiy	12.25-12.40	of Russian Academy of Medical Sciences	Development Of National Asbestos Profile For The Russian Federation		
A. Somigliana	12.40-12.55	Environmental protection regional Agency-ARPA Lombardia	Asbestos Fibres Content Analysis in Human Lung Tissue: Trueness and Precision Issues		
		Italian National insitute for Occupational Safety and Prevention -			
A. Marinaccio	12.55-13.10	ISPESL	Malignant mesothelioma epidemic in Italy. Incidence and etiology by the National Italian Register (ReNaM)		
D. Bernstein	13.10-13.30	Consultant in Toxicology	Why All Mineral Fibers Are Not the Same: The Factors Which Differentiate One Fiber from Another in Today's Work Environments		
	Lunch				
H. R. Kim	18.00-18.15	College of Med. The Catholic Univ. of Korea	Asbestos Exposure Experiences of Malignant Mesothelioma Patients in Korea		
C. Scarnato	18.15-18.30	Sanitary Protection Local Agency - AUSL Bologna	Asbestos Exposure and Mortality in a Cohort of Railway Carriage Construction and Repair Workers In Bologna, Italy		
		Agence française de sécurité sanitaire			
M. El Yamani	18.30-18.45	de l'environnement et du travail	Revision of French Occupational Exposure Limits of Asbestos in Order to Include Thin Fibres and Short Fibres of Asbestos		
		Center for the Study of Environmental Cancer -			
C. Bianchi	18.45-19.00	Italian League against Cancer	Malignant Mesothelioma of the Pleura after Service in the Italian Navy		
N.K. Piatnytsia					
-Gorpynchenko	19.00-19.20	Instutute for Occupational Health WHO Collaborating Centre	Some Problems of Hygienic and Epidemiological Studies in the Asbestos-Cement Production of Ukraine		

Session 2 – Topics: Lega	Session 2 – Topics: Legal and Insurance Aspects, Associations				
Chairmen: G. Guerisoli -	Chairmen: G. Guerisoli - A. Goggiamani				
S. Casini	19.20-19.35	Italian Institute for accidents work related insurance (INAIL)	Datamiant: The Italian Database on Asbestos Fibres Concentration in Workplaces		
G. Troia	19.35-19.50	Italian Institute for accidents work related insurance (INAIL)	The role of INAIL about workers' asbestos compensation system in Italy		
G.G. Maira	19.50-20.05	Italian Institute for accidents work related insurance (INAIL)	Asbestos-Relator Diseases: the medical-legal criteria adepte in the recognition of professional diseases and analysis of datas		
E. Bonanni	20.05-20.20	Italian Asbestos Observatory	The State Forgetful: The Asbestos Killer		
A. Pischianz	20.20-20.35	Italian Asbestos Exposed Association – Region Friuli V. G.	Asbestos and Justice		
G. Guerisoli	20.35-20.50	Social Welfare Institution in the Maritime Sector (IPSEMA)	Insurance Asbestos Problems Related to Maritime Workers		
M. Bottazzi	20.50-21.05	Italian National Trade Union (INCA – National CGIL)	Asbestos Exposure in Sugar Factories: The Use of Social Security Survey in Asbestos Diseases		

### October 2<sup>th</sup>

Session 3 – Topics: Remed	Session 3 – Topics: Remediation and Reclamation by Natural Occurrence: Fiber Characterization, Analytical Methods and Quantitative Analysis				
Chairmen: J. Webber -	E. Belluso				
A.M. Segrave	8:30-8:50	Bureau Veritas	Update on The ASTM Draft Soil Method – Procedure and Use		
F. Burragato	8:50-9:10	University of Rome " La Sapienza"	Fibrous Mineral Detection in Natural Soil and Risk Mitigation		
E. Belluso	9.10-9.30	University of Turin	A Protocol to Assess Recent Exposure to Asbestos Fibres from Natural and/or Anthropogenic Sources		
			When Worlds Collide: Recognizing Conflicts with Asbestos Analysis and Identification Between the Regulatory, Health, Legal, and		
G. Meeker	9.30-9.50	U.S. Geological Survey	Mineralogical Communities		
E.Fornero	9.50-10.05	University of Oriental Piemont	Micro-Raman Spectroscopy and VP-SEM/EDS: A New Approach to Study Mineral Fibres/Particles into Biological Matrixes		

S. Mazziotti Tagliani	10.05-10.20	University of Rome "La Sapienza"	Asbestos in Terms of Classical Concept of Standard Reference Materials
G. Zanetti	10.20-10.35	Politecnico di Torino	The Risk of Asbestos Stones, Comparison Between MOCF and SEM Analysis
	Coffee break		

Session 4 - Topics: Ren	ession 4 - Topics: Remediation and Reclamation by Natural Occurrence: Superfund, Mapping, Risk Assessment, Waste.				
Chairmen: M. Gunter	- F. Vagliasindi				
J.S. Webber	11.00-11.20	Wadsworth Center	Reconstruction of Asbestos Contamination from Unusual Environmental Samples		
		Italian National insitute for Occupational Safety and Prevention -			
S. Malinconico	11.20-11.40	ISPESL	Tunnelling in Natural Occurring Asbestos: Prevention and Safety Measures		
			Exposure to Naturally Occurring Asbestos during Off-Road Vehicle and Camping/Hiking Activities at a		
D. Stralka	11:40-12.00	US Environmantal Protection Agency	Recreational Area In California		
J. Wroble	12.00-12.20	U.S. EPA Region 10	Investigation of the Sumas Mountain Landslide Area: A Case Study of a Naturally Occurring Asbestos Site		
B.S. Van Gosen	12.20-12.40	U.S. Geological Survey	The Distribution and Geology of Asbestos Deposits in the United States and Its Application to Public Policy		
M. Bergamini	12.40-13.00	RSA srl	Reclamation and Environmental Development of the Former Asbestos Mine in Balangero and Coiro (Law 426/1998)		
		Italian National insitute for Occupational Safety and Prevention -			
S. Berardi	13.00-13.15	ISPESL	Human Health Risk Assessment and Asbestos Exposure		
D. Perniola	13.15-13.30	National research Council - CNR-IMAA	Airborne Asbestos Monitoring in Natural Occurring Asbestos		
	Lunch				
			Exposure to Naturally-Occurring Asbestos during Sports and Play Activities at a Community in the		
G.F.S. Hiatt	18.00-18.15	U.S. Environmental Protection Agency	Sierra Foothills of California		
D. Cavone	18.15-18.30	DIMIMP - RENAM COR PUGLIA University of Bari	Environmental Exposure to Mineral Fibres: The Case of a Rural Area in the Basilicata Region, Italy – Health Surveillance		
			The Carcinogenicity of Natural Fibres: First Experimental Evidence of Mesotheliomas Induced by Fluoro-Edenitic Fibres Present in the		
F. Belpoggi	18.30-18.45	Ramazzini Foundation	Lava Stone of the Etna Volcano in Biancavilla		
P. Mancari	18.45-19.00	Municipality of Biancavilla	Remediation of Biancavilla (CT) Superfund		
M. Venturi	19.00-19.20	SIDERCEM s.r.l.	Environmental Monitoring: Airborne Fluoroedenite in the Volcanic Area of Biancavilla (Mt.Etna, Italy)		
F. Vagliasindi	19.20-19.40	University of Catania	Release of Asbestos-Like Fibres from Contaminated Water Used for Human Consumption: Issues and Relevance		
F. Giordano		Basilicata Region	Risk Assessment in Natural Occurring Asbestos Outcrops		
S. Prandi	20.00-20.20	Environmental protection regional Agency-ARPA Liguria	Asbestos Concentration in Soils: Analytical Methods		
			The Need to Apply Mineralogical Common Sense to the Definition of NOA and Other Misused Terms when		
M. Gunter		University of Idaho	Dealing with "Asbestos" Issues		
F. Beccari	20.40-21.00	DIESSECHEM SRL	A Hand-Held Survey Instrument for Asbestos Analysis		

## October 3<sup>th</sup>

Session 5 - Topics: Reme	ession 5 - Topics: Remediation and Reclamation by Anthropic Presence: Superfund, Mapping, Risk Assessment, Waste, Fiber Characterization, Analytical Methods and Quantitative Analysis				
Chairmen: C. Nace - M.	Mariani				
J.S. Webber	8:30-8:50	Wadsworth Center	Precision and Accuracy of Methods Used for Asbestos Analysis		
M. Palumbo	8:50-9:10	University of Naples "Federico II"	Issues on the Analytical Evaluation of the Asbestos Fibers Content in Soil in Order to Their Classification		
L.Papacchini	9.10-9.30	University of Rome "La Sapienza"	Airborne Asbestos Fibers: The Problem of Low Concentration in PCM		
		Italian National insitute for Occupational Safety and Prevention -			
V. Di Molfetta	9.30-9.50	ISPESL	Italian Asbestos Mapping		
A. Somigliana	9.50-10.10	Environmental protection regional Agency-ARPA Lombardia	Environmental Background Monitoring of Airborne Asbestos Fibres in Lombardy Region		
C. Scarnera	10.10-10.30	Sanitary Protection Local Agency - AUSL TARANTO	The Asbestos Reclamations in the Industrial Area in Taranto Superfund		
	Coffee break				
G. Fornaciai	11.00-11.20	Environmental protection regional Agency-ARPA Toscana	Asbestos Mapping in Tuscany		
E. Zini	11.20-11.40	Environmental protection regional Agency-ARPA Lombardia	Asbestos-Concrete Mapping in Lombardy by Airborne Remote Sensing		
C. Nace	11.40-12.00	United States Environmental Protection Agency	USEPA Asbestos Framework for Investigating Asbestos-Contaminated Superfund Sites		
A. Robotto	12.00-12.20	Environmental protection regional Agency-ARPA Piemonte	Casale Monferrato Superfund Remediation: Environmental Monitoring on the Territory Of Ex USL 76.		
P. Coggiola	12.20-12.40	Municipality of Casale Monferrato	Asbestos Reclamation in Casale Monferrato		
J. Camplin	12.40-13.00	Camplin Environmental Services, Inc.	Problems with Assessing Risks of Asbestos Exposure: The Inadequacy of the EPA and ATSDR Methods		
A. Verardo	13.00-13.30	Liguria Region	Correct and Effective Management of Manufactured Containing Asbestos Fibres		
	Lunch				

Session 6 - Topics: R	ession 6 – Topics: Remediation and Reclamation by Anthropic Presence: Superfund, Mapping, Risk Assessment, Waste, Fiber Characterization, Analytical Methods and Quantitative Analysis				
Chairmen: A. Obert	a - S. Clarelli				
		Italian Association of asbestos remediation and			
S. Clarelli	18.00-18.20	disposal contractors and consultants - Assoamianto	Management of Asbestos-Containing Products According to the Italian Law		
A. F. Oberta	18.20-18.40	The Environmental Consultancy	A Holistic Approach to Managing Asbestos Hazards		
A. Righi	18.40-19.00	Sanitary Protection Local Agency - AUSL MANTOVA	Friable Asbestos Remediation in Rack Installations and Lines of Petrochemical Plants in Modena Superfund		
		Italian National insitute for Occupational Safety and Prevention -			
F.Paglietti	19.00-19.20	ISPESL	Ancona Province Building Remediation: Workers and Environmental Safety Procedures		
			Korea-Japan-Indonesian Joint Study On Asbestos Problem from Asbestos Textile Factory -		
H. Bae	19.20-19.40	Pusan National University	Focused on Chest Radiograph Findings of Workers and Residents in Indonesia		
G.B. Amato	19.40-20.00	Italian National Association chineisweep - ANFUS	Flues and Chimney Tops in Asbestos		
H. Fujimaki	20.00-20.15	Tohoku University	Two Step Consolidation Of Asbestos-Containing Materials By Straight Silicone		
			The Recycling of Cement-Asbestos Via Thermal Treatment as an Alternative to Disposal		
A. F. Gualtieri	20.15-20.30	University of Modena and Reggio Emilia	in Controlled Landfills: State of the Art and Perspectives		
R. Cioffi	20.30-20.45	University of Naples Parthenope	Recycling of Milled Asbestos-Containing Waste as Mineral Addition in Manufacturing of Hydraulic Mortars		
			The Inertization of Asbestos-Containing Wastes by Means of a Vitrification Process and		
M. Vallotto	20.45-21.00	Glass Sperimental Factories	the Valorization of Obtained Inert Glass through the Production of Bricks for Construction		

#### POSTER

Session 7 - Poster 1 da	ay - Topics: Epid	lemiological Studies and Legal aspects, Associations	
Chairman: N.K. Piatny	tsia-Gorpynche	nko	
R. Contiguglia	14.00-18.00	Sanitary Protection Local Agency - AUSL 5 Messina	Health Surveillance: Statistical Considerations on a Sample of Ex-Exposed to Asbestos
C. Nicita	14.00-18.00	Cancer Register - Ragusa	"Quality Indicators of Sicilian Mesotheliomas Registry"
P.G. Barbieri	14.00-18.00	Sanitary Protection Local Agency - AUSL Brescia	Mesotheliomas among Orthodontists, Certainly Exposed to Chrysotile Asbestos, and Evaluation of Lung Fiber Burden
E. Merler	14.00-18.00	Mesothelioma Regional Register	On the Occurrence of Malignant Mesotheliomas (MM) in Italy due to the Use of Asbestos in Sugar Refineries
R. De Zotti	14.00-18.00	Trieste General Hospitals	Malignant Mesothelioma in the Region Friuli Venezia Giulia (Italy)
M. Bottazzi	14.00-18.00	INCA-CGIL Nazional	The Insurance Protection of Asbestos-Related Diseases
			The Compensation of Moral Damage to the Psycho-Physical Disturbance Associated with Asbestos Exposure:
M. Bottazzi	14.00-18.00	INCA-CGIL Nazional	The Patronage Experience
P. Tomatis	14.00-18.00	European Asbestos Risks Association onlus	The Problem of Asbestos within the Euroregion-Context: Projects and Aims of the European Asbestos Risks Association
		Italian National insitute for Occupational Safety and Prevention -	
M. Bellina	14.00-18.00	ISPESL	Precautionary Principle and Criminal Liability for Occupational Diseases from Asbestos Exposure
T. Diaco	14.00-18.00	Sanitary Protection Local Agency - AUSL 5 Messina	Asbestos-Related Pathologies Trends Between 2004 and 2008 in the Province of Messina
		Center for the Study of Environmental Cancer - Italian League	
C. Bianchi	14.00-18.00	against Cancer	Spatial and Temporal Patterns in Malignant Mesothelioma
		Committee for the defense of the health in the work place and in	
M. Michelino	14.00-18.00	the land;	Struggle, Historical and Legal Truth
			Comparison of Asbestos-Related Diseases Between Environmentally Exposed and
D. Kang	14.00-18.00	Pusan National University	Non-Exposed Residents of Highly Mobilized Urban Population around a Former Asbestos Factory Site
M. Roccaldo	14.00-18.00	INSEAN	Asbestos on Ships and Sailors' Exposure
		Research Institute of Occupational Health of Russian Academy of	
E. Kovalevskiy	14.00-18.00	Medical Sciences	Years Of Potential Life Lost In Asbestos Mining Region

Session 8 - Poster 2 day	ession 8 - Poster 2 day - Topics: Remediation and Reclamation by Natural Occurrence: Superfund, Mapping, Risk Assessment, Waste, Fiber Characterization, Analytical Methods and Quantitative Analysis				
Chairman: B.S. Van Gos	Chairman: B.S. Van Gosen				
F. Burragato	Burragato 14.00-18.00 University of Rome "La Sapienza" Sentinel Animals: A Surrogate Wildlife for Environmental Monitoring in Protected Areas				
			Natural Occurrence of Fluoroedenite Fibers at the Biancavilla (Catania, Italy) "Site of National Interest":		
P. Roccaro	14.00-18.00	University of Catania	Experiences and Perspectives		
		Italian National insitute for Occupational Safety and Prevention -			
A. Olori	14.00-18.00	ISPESL	Quantification of Tremolite in Bulk Samples and Preliminary Study of Other Mineral Interferences		

		Italian National insitute for Occupational Safety and Prevention -	Railway Tunnel Excavation in the Area of Biancavilla (sicily, italy):
A.Campopiano	14.00-18.00	ISPESL	Evaluation of Occupational Exposure to Airborne Mineral Fibres
P. Plescia	14.00-18.00	National Research Council - CNR	Asbestos Treatment and Reclamation Plant (ASPIRECO Patent)
			Petrography, Geochemistry and Mineralogical Features of "Pietra Verde" Stone Quarried in the Gimigliano-
R. Punturo	14.00-18.00	University of Catania	Mt. Reventino Area (Northern Calabria, Italy)
			Couplage and Decouplage of Radiogenic Systems (U-Pb and Sm-Nd) of the Primitive Mantle at the Time of Differentiation of the Mantle
K. Rochd	14.00-18.00	University Chouaib Doukkali	End-Members (DM, HIMU, EMI and EMII)
			Viggianello (PZ). Experiences of Health Supervision and Monitoring of Workers in Out-Door Workplace,
			with Environmental Contamination in Presence of "Tremolite and Chrysotile" Asbestos Fibers. Making Safe of Public Roads:
B. Schettino	14.00-18.00	Sanitary Protection Local Agency - AUSL Naples 1	Work Plan, Environmental Monitoring and Personal Exposure Sampling during Daily Working and Threshold Exceeding.

Session 9 - Poster 3 day	session 9 - Poster 3 day - Topics: Remediation and Reclamation by Anthropic Presence: Superfund, Mapping, Risk Assessment, Waste, Fiber Characterization, Analytical Methods and Quantitative Analysis			
Chairman: J. Wroble				
G. Pinton	14.00-18.00	Sanitary Protection Local Agency - AUSL 15 Alta Padovana	Asbestos-Containing Materials Micro-Collection in Padua District: A New Public Service for the Population	
G. Nicoletti	14.00-18.00	UniversitY of Calabria	The Evaluation of the Risk to Asbestos Exposure in the Confined Environments	
K. Singh Patel	14.00-18.00	Pt. Ravishankar Shukla University	Silica particulate Pollution in the Central India	
L. Leuthold-Favre	14.00-18.00	Institute for Work and Health	Some Facts about Floor Coverings in Switzerland	
		Italian National insitute for Occupational Safety and Prevention -	Contribution to the Safety Management System for Monitoring the Activities Run	
F. Giacobbe	14.00-18.00	ISPESL	on the Manufactured Articles Containing Asbestos	
A. Verardo	14.00-18.00	Liguria Region	The Booklet of Asbestos in Apartment House	
A. F. Gualtieri	14.00-18.00	University of Modena and Reggio Emilia	Ambient Monitoring of Asbestos in Selected Italian Living Areas	
A. Robotto	14.00-18.00	Environmental protection regional Agency-ARPA Piemonte	Casale Monferrato Superfund Remediation: Implementation of a Geographic Information System.	
C. Giacobbe	14.00-18.00	University of Modena and Reggio Emilia	A Spectroscopic Study of the Product of Thermal Transformation of Asbestos-Containing Materials	
P. Capone	14.00-18.00	Environmental protection regional Agency-ARPA Calabria	Asbestos Using in the Motor-Vehicles: A Question Still Present	
F. Scavino	14.00-18.00	Sanitary Protection Local Agency - AUSL 5 Messina	Asbestos Removal Activities Trend in the Province of Messina from 1999 to 2008	
J.Y. Kim	14.00-18.00	Korea Research Center for Asbestos Related Diseases	A Cartographic Standardization for the Architecture and Regional Asbestos Map	
		Italian National insitute for Occupational Safety and Prevention -		
A. Campopiano	14.00-18.00	ISPESL	Mapping of the Asbestos-cement Roofing in the Tiburtina Area of Rome: Decay Evaluation	
A. Bazzichi	14.00-18.00	COSINT s.c.r.l.	Asbestos Remediation in Ancona	
S. Serranti	14.00-18.00	University of Rome "La Sapienza"	Characterization of the Status of Alteration of Asbestos-Cement Coverages by Hyperspectral Imaging	
J.H. Lee	14.00-18.00	KTR(Korea Testing & Research Institute)	Development of Asbestos Certified Reference Material for Chrysotile Content	