

Monday, March 19, 2012**17:00** Registration desk open**20:00** Ice breaker reception**Time Tuesday, March 20, 2012****08:15** Registration desk open**09:15** Plenary session

09:20 WELCOME AND OPENING OF THE CONFERENCE

Ranjeet S Sokhi and John Bartzis

10:00 MEGACITY EFFECTS ON AIR QUALITY AND CLIMATE: ANSWERS ON MEGAPOLI SCIENTIFIC QUESTIONS

Alexander Baklanov 891

10:20 THE FORUM FOR AIR QUALITY MODELLING IN EUROPE (FAIRMODE): RESULTS AND ACTIVITIES 2011-2012

Bruce Denby 727**10:40** Tea/coffee

Session A

11:15 Special session - Air Quality and Climate/Meteorology Interactions and Feedbacks

Session B

Air quality, health and exposure

Session C

Local and Urban scale modelling and measurement

11:20 EXAMING AIR QUALITY-METEOROLOGY-CLIMATE INTERACTIONS WITH THE TWO-WAY COUPLED WRF-CMAQ MODELING SYSTEM

Rohit Mathur 892

INDOOR AIR CONCENTRATIONS OF PM2.5 AND PM10 IN EUROPEAN MICRO-ENVIRONMENTS AND ASSOCIATED HEALTH RISKS

Spyros Karakitsios 665

TURBULENT FLOW AND SCALAR FLUXES CHARACTERISTICS, CASE STUDY ON AN INTERSECTION VENTILATION

Libor Kukacka 854

11:40 SENSITIVITY OF AEROSOLS TO CLIMATE CHANGE AND IMPLICATIONS FOR REGIONAL AIR QUALITY OVER EUROPE

Xin Kong 870

PERSONAL EXPOSURE TO ULTRAFINE PARTICLES; BLACK CARBON AND PM2.5 IN DIFFERENT MICROENVIRONMENTS

Josef Cyrus 844

A METHODOLOGY FOR INTERPRETING AIR QUALITY MEASUREMENTS FROM URBAN STREETS USING CFD MODELLING

Efio Solazzo 551

12:00 AIR POLLUTION AND CLIMATE CHANGE: IS TEN-YEAR TIME-SLICES LONG ENOUGH?

Jørgen Brandt 752

POPULATION EXPOSURE TO PARTICLES IN SWEDEN

Karin Sjoberg 888

AIR POLLUTION AT COPENHAGEN AIRPORT - MEASUREMENTS AND MODEL CALCULATIONS OF PARTICLE NUMBER, PM2.5 AND NOx

Matthias Ketzel 655

12:20 A CASE STUDY ON THE IMPACT OF AEROSOL-RADIATION FEEDBACK ON METEOROLOGY AND REGIONAL POLLUTANT DISTRIBUTIONS

Peter Suppan 837

PARTICLE SIZE DEPENDENCE OF INFILTRATION AND CONSEQUENCES FOR LUNG DEPOSITION

Otto Hanninen 632

FLOW DYNAMICS IN THE STREET CANYON ANALYSED BY POD

Radka Kellnerova 851

12:40 URBAN EFFECTS ON AIR-QUALITY AND CLIMATE INTERACTION IN REGCM/CAMX COUPLE

Tomas Halenka 860

ORGANIC AIR POLLUTANTS AND HEALTH IMPACTS

Ronald Wyzga 845

DISPERSION OF ULTRAFINE PARTICLES IN THE NEAR AND FAR WAKE REGIONS OF A MOVING DIESEL CAR

Prashant Kumar 557**13:00** Lunch and poster session

14:25	Special session - Air Quality and Climate/Meteorology Interactions and Feedbacks	Air quality, health and exposure	Local and Urban scale modelling and measurement
14:30	ANALYSIS OF POLLUTANTS EXCHANGE BETWEEN THE PO VALLEY AND THE SURROUNDING EUROPEAN REGION Sandro Finardi 733	COMMUTER EXPOSURE TO PARTICULATE MATTER AND CARBON MONOXIDE IN MUMBAI, INDIA Anil Namdeo 597	CFD SIMULATION OF SIZE RESOLVED ULTRA FINE PARTICLES IN AN URBAN MICRO ENVIRONMENT Stijn Janssen 753
14:50	CLIMATE SCENARIO ANALYSIS USING WRF MODEL AND CCSM3 MODELS OVER LONDON (UK), ATHENS (GREECE), GLIWICE (POLAND), HELSINKI (FINLAND) AND FLORENCE (ITALY) FOR THREE IPCC SCENARIOS Roberto San Jose 612	INTRAUROBAN AIR POLLUTION VARIABILITY IN INDUSTRIALISED TOWNS AND ITS POTENTIAL IMPACT ON POPULATION EXPOSURE ASSESSMENT Marco Cervino 698	USE OF PMSS, THE PARALLEL VERSION OF MICRO-SWIFT-SPRAY, TO PERFORM MICRO-METEOROLOGICAL FLOW FIELD AND DELETERIOUS DISPERSION ON EXTENDED BUILT AREAS. DESIGN OF A FUTURE OPERATIONAL SYSTEM Christophe Duchenne 728
15:10	EVALUATION OF SEVERAL AIR QUALITY MODELS WITHIN THE MEGAPOLI PROJECT David Grawe 742	SIZE-SEGREGATED AIRBORNE PARTICLES AND RESPIRATORY MORTALITY IN BEIJING, CHINA Ulrich Franck 872	CFD SIMULATIONS OF DISPERSION AROUND A COMPLEX BUILDING: COMPARISON WITH GAUSSIAN DISPERSION MODELS AND WIND TUNNEL EXPERIMENTS Ilias Mavroidis 817
15:30	IMPACT OF HORIZONTAL RESOLUTION OF EMISSION DATA ON CHEMICAL PROCESSES WITHIN THE ATMOSPHERIC BOUNDARY LAYER Hermann Jakobs 651	THE LIFE+ POPULATION EXPOSURE TO PAH (EXPAH) PROJECT: INDOOR/OUTDOOR MONITORING AND EMISSIONS ESTIMATION IN ROME Claudio Gariazzo 536	A DATABASE FOR URBAN DISPERSION MODELLING: CODASC - CONCENTRATION DATA OF STREET CANYONS Christof Gromke 580
15:50	Tea/coffee and poster session		
16:15	Special session - Air Quality and Climate/Meteorology Interactions and Feedbacks	Air quality, health and exposure	Satellite and Remote sensing
16:20	INVESTIGATION OF IMPACTS OF CLIMATE CHANGE ON TRACE GAS BUDGETS Eleni-Eugenia Tsati 676	DECARBONISING LONDON'S DOMESTIC STOCK: IMPLICATIONS FOR INDOOR PM2.5 EXPOSURE AND HEALTH Clive Shrubsole 543	SATELLITE-ASSISTED AIR-QUALITY MANAGEMENT Alberto Gotti 711
16:40	MODELLING THE CHEMICALLY SPECIATED PM2.5 OVER THE FRENCH NORTHERN REGION USING THE WRF-CHEM SYSTEM Maxence Mendez 787	POPULATION EXPOSURE IN URBAN AREAS TO DIFFERENT CHARACTERISTICS OF PARTICULATE MATTER Menno Keuken 546	THE MINIATURE EARTH OBSERVER SATELLITE: A PROPOSAL FOR HIGH RESOLUTION AIR QUALITY OBSERVATIONS FROM SPACE James Sloan 716
17:00	SENSITIVITY OF CLOUD RADIATIVE FORCING TO EMISSION INVENTORY AND CLOUD FORMATION PARAMETERIZATION Rafaella - Eleni Sotiropoulou 853	SOURCES, EXPOSURE AND CARCINOGENIC EFFECTS OF DIBENZOPYRENES IN STOCKHOLM Christer Johansson 594	GLOBAL TRENDS OF TROPOSPHERIC NO2 OBSERVED FROM SPACE Philipp Schneider 547
17:20	SUMMER TOTAL CLOUD COVER, AEROSOL AND PRECIPITATION WEEKLY VARIABILITIES OVER EUROPE: SIGNS OF THE AEROSOL INDIRECT EFFECT? Konstantinos Kourtidis 575	REDUCTION OF CO2 BY RESIDENTIAL WOOD HEATING AND TRADE-OFF CAUSED BY POPULATION EXPOSURE TO PRIMARY PM2.5 IN URBAN AND NON-URBAN AREAS IN FINLAND Niko Karvosenoja 688	ASSESSMENT OF URBAN HEAT ISLAND EFFECT FOR DIFFERENT LANDUSE - LANDCOVER FROM MICROMETEOROLOGICAL MEASUREMENTS AND REMOTE SENSING DATA: A CASE STUDY FOR MEGACITY DELHI Manju Mohan 673
17:40	Close of sessions		
19:30	Welcome reception		

Wednesday, March 21, 2012

09:15 Plenary session

- 09:20 SENSITIVITY ANALYSIS OF AEROSOLS FEEDBACKS ON CHEMISTRY AND CLIMATE AT URBAN AND REGIONAL SCALES
Greg Carmichael 581
- 09:40 METHODOLOGY FOR INTEGRATED ASSESSMENT OF THE HEALTH IMPACT OF TRAFFIC-RELATED PARTICULATE MATTER
Dick van den Hout 803
- 10:00 POLICY AND DECISION SUPPORT PROVIDED BY AIR QUALITY MODELS
Bernard Fisher 558
- 10:20 MAJOR POLICY RELATED RESULTS FROM THE MEGAPOLI PROJECT
Jochen Theloke 813

10:40 Tea/coffee

- | | Session A | Session B | Session C |
|--------------|--|--|--|
| 11:15 | Special session - Transport related air pollution - Science for Policy | Special session - Air pollution in cities, organised with GURME/WMO | Model evaluation studies |
| 11:20 | MODELLING THE IMPACT OF PLUG-IN ELECTRIC VEHICLES (PHEV/PEV) ON EMISSIONS AND AIR QUALITY OVER ITALY
Guido Pirovano 864 | ASSESSMENT OF TWO AIR POLLUTION EPISODES IN 2011 OVER BARCELONA AND MADRID GREATER AREAS (SPAIN)
Maria Teresa Pay 866 | EVALUATION OF THE ADREA-HF LES CODE FOR URBAN AIR QUALITY ASSESSMENT, USING THE CEDVAL-LES WIND TUNNEL DATABASE
Nektarios Koutsourakis 593 |
| 11:40 | MODELLING TRAFFIC AND AIR POLLUTION IN AN INTEGRATED APPROACH - THE CASE OF MUNICH
Friederike Huelsmann 831 | EVALUATION OF THE CHIMERE MODEL AT HIGH RESOLUTION OVER EUROPE: FOCUS ON URBAN AREA
Etienne Terrenoire 869 | APPLICATION OF SAMPLING THEORY TO NEURAL NETWORK MODELS: PREDICTION OF OZONE IN URBAN AREA
Claudio Gariazzo 621 |
| 12:00 | THE EFFECT OF THE DIESEL FUEL SULPHUR CONTENT ON THE PM2.5 POLLUTION PROBLEM IN THE ABURRA VALLEY REGION AROUND MEDELLIN COLOMBIA
Enrique Posada 780 | DETERMINATION OF THE NO2 CONCENTRATION AND ITS DISTRIBUTION WITH DIFFERENT DOAS TECHNIQUES - MEASUREMENTS IN THE MEAGCITY HONG KONG
Martin Horbanski 822 | EVALUATION OF OSPM FOR LONG-TERM MEASUREMENTS AT 5 STREET STATIONS IN DENMARK USING A NEWLY DEVELOPPED TOOL
Matthias Ketzel 659 |
| 12:20 | ASSESSING THE MARGINAL IMPACT OF A TRIP ON POPULATION EXPOSURE TO AIR POLLUTION
Carolien Beckx 783 | PARALLEL MEASUREMENTS OF FINE PARTICULATE MATTER AND POLLEN ALLERGENS IN THE AIR OF BERLIN
Hans-Guido Mucke 884 | COMPARISON OF ACID CHEMISTRY AND PHOTOCHEMICAL MODEL RESULTS WITH MEASUREMENT DATA
Marke Hongisto 861 |
| 12:40 | MODELLING PNC FROM KERBSIDE TO URBAN SCALE
Matthias Karl 729 | URBAN AIR QUALITY STUDY - CITY OF TORONTO
Anthony Ciccone 613 | VALIDATION OF TWO RANS SOLVERS WITH FLOW DATA OF THE FLAT ROOF MICHELSTADT CASE
Aniko Rakai 678 |

13:00 Lunch and poster session

14:25	Special session - Transport related air pollution - Science for Policy	Special session - Air pollution in cities, organised with GURME/WMO	Meteorological processes and interactions
14:30	AN APPROACH FOR DETERMINING URBAN CONCENTRATION INCREMENTS Nicolas Moussiopoulos 821	THE AIR QUALITY STATUS OF FIVE EUROPEAN PORT-CITIES: AN OVERVIEW FOCUSED ON PM10 Dikaia Saraga 689	URBAN IMPACTS ON DAYTIME LOCAL CIRCULATIONS AND AIR QUALITY IN THE SEOUL METROPOLITAN AREA Young-Hee Ryu 598
14:50	WHAT STRATEGY IS NEEDED FOR ATTAINING THE EU AIR QUALITY LEGISLATION IN COASTAL AREAS? A SENSITIVITY ANALYSIS IN THE IBERIAN PENINSULA Juan P. Montavez 818	ANALYSIS OF THE IMPACT OF TRAFFIC CONTROL MEASURES ON NOX POLLUTION CONTROL IN DOWNTOWN OF FOSHAN YongHong Liu 633	A LARGE-EDDY SIMULATION STUDY OF SCALAR DISPERSION IN AND ABOVE A BUILDING ARRAY Seung-Bu Park 641
15:10	INTEGRATED HEALTH IMPACT ASSESSMENT OF TRANSPORT POLICIES - FIRST RESULTS Jochen Theloke 812	URBAN DENSITY AND ITS IMPACT ON PM10 AND O3, A CASE STUDY IN SURABAYA CITY-INDONESIA Sudarmanto Budi Nugroho 843	GUIDE LINE VS. MODEL APPROACH TO CALCULATE SEPARATION DISTANCES AROUND ODOUR SOURCES Martin Piringer 586
15:30	OML-HIGHWAY - A GIS-BASED ROAD SOURCE MODEL FOR AIR QUALITY ASSESSMENT- APPLICATIONS IN EIA Steen Solvang Jensen 683	NUMERICAL STUDY OF THE DISTRIBUTION OF OZONE ABOVE THE GREATER ATHENS AREA (GAA) Kiriaki-Maria Fameli 730	NOCTURNAL OZONE PEAKS AND URBAN CIRCULATION PATTERNS OVER THE METROPOLITAN AREA OF SAO PAULO - BRAZIL Edmilson Freitas 738
15:50	Tea/coffee and poster session		
16:15	Special session - Transport related air pollution - Science for Policy	Special session - Air pollution in cities, organised with GURME/WMO	Meteorological processes and interactions
16:20	GPS BASED HUMAN EXPOSURE MODELLING TO TRAFFIC-RELATED AIR POLLUTION Daniela Dias 658	TOWARDS SYNTHETIC CITIES: CONSEQUENCES FOR URBAN FLOW AND DISPERSION MODELLING Silvana Di Sabatino 687	INVESTIGATION OF METEOROLOGICAL INFLUENCES AND MIXING-LAYER HEIGHT UPON ULTRAFINE PARTICLE SIZE DISTRIBUTION IN THE URBAN AREA OF AUGSBURG Peter Suppan 877
16:40	A COMBINED MONITORING AND MODELLING APPROACH FOR ASSESSING MULTI-POLLUTANT EXPOSURE IN URBAN STREETS: HIGHLIGHTS FROM A FIELD STUDY IN BIRMINGHAM (UK) Julio Lumbreras 608	CARBONACEOUS AND WATER SOLUBLE IONIC COMPONENTS OF AEROSOL (PM10) OVER DELHI, INDIA Sudhir Kumar Sharma 572	VARIATIONS IN CONCENTRATIONS OF ULTRAFINE PARTICLES AND AIR IONS IN RELATION TO METEOROLOGICAL CONDITIONS AND LEVELS OF OTHER POLLUTANTS IN TARTU, ESTONIA Meelis Eller 680
17:00	URBAN VOC ABATEMENT POLICY HEALTH IMPACT ASSESSMENT Dimosthenis Sarigiannis 669	URBAN MICROENVIRONMENT MEASUREMENTS IN THESSALONIKI Ilias Vouitsis/Zissis 754	CHEMICAL METROLOGY IN ENVIRONMENTAL SCIENCE Panayotis A. Siskos 885
17:20	EVALUATION OF AIR QUALITY MEASURES NEAR TUNNEL OUTLETS Ernst Meijer 804	AERIAL DISPERSION OF FUNGAL POLLUTION WITH CHANGES OF SEASONAL VARIATIONS OF BANGALORE, KARNATAKA, INDIA Sivasakthivel S. 540	SPATIO-TEMPORAL VARIATIONS IN WINTER URBAN AIR POLLUTION William Trompeter 619
17:40	Close of sessions		

Thursday, March 22, 2012

09:15 Plenary session

- 09:20 COMMUNITY EXPLOITATION OF EXISTING DATA IN A NOVEL MODEL EVALUATION FRAMEWORK: THE AQMEII TWO-CONTINENT MODEL EVALUATION EXERCISE
ST Rao 548
- 09:40 EVALUATION OF THE CHEMICAL TRANSPORT MODELS FOR PREDICTIONS OF DEPOSITION AND AMBIENT CONCENTRATIONS OF NITROGEN AND SULFUR COMPOUNDS
Naresh Kumar 759
- 10:00 REVIEW OF REGIONAL-SCALE, CHEMICAL WEATHER FORECASTING MODELS IN EUROPE
Jaakko Kukkonen 798
- 10:20 DEVELOPMENT OF MULTIPOLLUTANT AIR QUALITY MANAGEMENT STRATEGIES FOR URBAN AREAS IN THE UNITED STATES
Kuo-Jen Liao 802

10:40 Tea/coffee

- | | Session A | Session B | Session C |
|--------------|---|--|---|
| 11:15 | Measurement of air pollutants | Special session - Air pollution in cities, organised with GURME/WMO | Air quality management and Policy |
| 11:20 | SIZE DISTRIBUTION STUDY OF AIRBORNE PARTICULATES IN AN URBAN REGION AT BRAZIL
Daniela Migliavacca 617 | A COMPARITIVE PERFORMANCE OF AIR QUALITY SIMULATION IN MEGACITIES USING WRF-CMAQ MODELLING SYTEM
Xavier Vazhappilly Francis 876 | MANAGING THE AIR QUALITY IMPACTS OF A GLOBAL DIVERSIFIED MINING COMPANY
Fred Turatti 848 |
| 11:40 | COMPARISON OF TECHNIQUES FOR THE GAS PHASE ANALYSIS OF AMMONIA AND NO _x IN DIESEL EXHAUST GASES
Edwin Zam 749 | TRENDS IN AIR QUALITY IN SWEDISH TOWNS FROM 25 YEARS OF MEASUREMENTS
Karin Persson 739 | DIAPASON: TOWARDS A BETTER ASSESSMENT OF THE IMPACT OF DUST IN AIR QUALITY MEASUREMENTS
Francesca Costabile 886 |
| 12:00 | AIR QUALITY MEASURED AT LULIN ATMOSPHERIC BACKGROUND STATION (LABS, 2,862M MSL) IN TAIWAN SINCE 2006
Neng-Huei (George) Lin 800 | PROJECTION OF THE AIR QUALITY IN VIENNA BETWEEN 2005 -2020 FOR NO ₂ AND PM ₁₀
Christian Kurz 693 | DOMESTIC WOOD COMBUSTION IMPACT ON AIR QUALITY IN LOMBARDY REGION
Elisabetta Angelino 868 |
| 12:20 | COMPARISON OF FINE AEROSOLS CHEMICAL COMPOSITION SAMPLED AT AN URBAN BACKGROUND SITE AND AN INDUSTRIALIZED COASTAL SITE
Vincent Crenn 657 | STATUS AND TRENDS OF NO ₂ AMBIENT CONCENTRATIONS AND NO ₂ /NO _x CONCENTRATION RATIOS IN EUROPE
Cristina Guerreiro 713 | THE CHALLENGES AND BENEFITS OF IMPROVING AIR QUALITY IN A MAJOR METROPOLITAN AREA: THE LOS ANGELES EXPERIENCE
Laki Tisopoulos 795 |
| 12:40 | PLANTS FOR AIR-POLLUTION BIO-MONITORING AND ATTENUATION OF AIR-POLLUTANTS WITH SPECIAL REFERENCE TO PARTICULATE MATTERS
Shidharh Sankar Ram 871 | THE RELATIONSHIP BETWEEN ATMOSPHERIC AEROSOLS AND RAINFALL OVER THE THREE CITIES IN KENYA
Daniel Mbithi 545 | THE OPERA LIFE+ PROJECT: AN OPERATIONAL PROCEDURE FOR EMISSION REDUCTION ASSESSMENT
Claudio Carnevale 681 |

13:00 Lunch and poster session

14:25	Measurement of air pollutants		Special session - Chemical weather forecasting / chemical transport modelling		Air quality management and Policy
14:30	DETECTION OF LOCAL CHARACTERISTICS IN AIR QUALITY TIME SERIES - A COMPARISON OF MEASURED DATA AT TWO FINNISH BACKGROUND STATIONS Tuija Ruoho-Airola	601	IMPACT OF CLOUD MODIFIED PHOTOCHEMISTRY ON AIR QUALITY FORECASTS Malte Uphoff	820	COST AND IMPACT ANALYSIS OF POLICY MEASURES TO REDUCE NO _x EMISSIONS OF BUILDINGS IN FLANDERS Nele Renders
14:50	DISTRIBUTION OF OZONE AND OZONE PRECURSORS IN THE LAKE TAHOE BASIN, USA Barbara Zielinska	796	POLLEN FORECASTING AND ALLERGIC SYMPTOMS RECORDING AS THE BASIS FOR PERSONALIZED INFORMATION SERVICES Kostas Karatzas	882	URBAN POLLUTION IN RUSSIA AND ITS ASSESSMENT Andrey Skorokhod
15:10	CHARACTERISTICS OF RESIDENTIAL WOOD COMBUSTION - RESULTS FROM A DANISH CASE STUDY Helge R Olesen	702	IMPROVING AIR QUALITY FORECASTS THROUGH THE USE OF SURFACE OBSERVATIONS Lucy Davis	568	ASSESSMENT OF HEALTH-COST EXTERNALITIES OF AIR POLLUTION IN DENMARK AND EUROPE USING THE EVA MODEL SYSTEM Jørgen Brandt
15:30	SEASONAL STUDY OF RURAL, URBAN AND INDUSTRIAL ATMOSPHERIC PARTICLES Fabrice Cazier	699	DEVELOPMENT OF HIERARCHICAL FUZZY MODEL FOR PREDICTION OF AIR QUALITY INDEX Amit Gorai	539	THE EFFECT ON AIRQUALITY BY THE BAN OF STUDDED WINTERTYRES IN STOCKHOLM Michael Norman
15:50	Tea/coffee and poster session				
16:15	Measurement of air pollutants		Special session - Chemical weather forecasting / chemical transport modelling		Air quality management and policy
16:20	CHEMICAL CHARACTERIZATION AND REDOX POTENTIAL OF COARSE AND FINE PARTICULATE MATTER (PM) IN UNDERGROUND AND GROUND-LEVEL RAIL SYSTEMS OF THE LOS ANGELES METRO Constantinos Sioutas	538	INTEGRATED MODELLING APPROACH FOR AIR QUALITY FORECASTING Anikender Kumar	566	REDUCTION POTENTIALS OF BLACK AND ORGANIC CARBON EMISSIONS BY TECHNICAL AND NONTECHNICAL MEASURES IN FINNISH RESIDENTIAL WOOD COMBUSTION Mikko Savolahti
16:40	EXAMINATION OF THE ATMOSPHERIC CONDITIONS ASSOCIATED WITH HIGH AND LOW VERTICAL OZONE MEASUREMENTS IN THE LOWER TROPOSPHERE AND THE BOUNDARY LAYER OVER THE EASTERN MEDITERRANEAN Pavlos Kalabokas	660	AIR QUALITY PREVISIONS AT METEO-FRANCE: MOCAGE AND OPERATIONAL APPLICATIONS Maud Martet	703	CONSIDERING MULTIPLE EFFECTS AND MULTIPLE POLLUTANTS FOR COMPREHENSIVE AIR QUALITY MANAGEMENT Judith Chow
17:00	IN-SITU AEROSOL OPTICAL PROPERTIES IN A SUB-URBAN EURO-MEDITERRANEAN AREA Francesca Costabile	887	MULTISCALE MODELLING AND SATELLITE REMOTE SENSING STUDY OF SECONDARY ORGANIC AEROSOLS OVER EUROPE Rong-Ming Hu	855	EVALUATION OF THE AIR QUALITY MANAGEMENT CHALLENGES IN CALIFORNIA Richard Martin
17:20	LOW COST SENSOR NETWORKS FOR MEASURING URBAN AIR QUALITY Roderic Jones	819	RECONSTRUCTION OF PAST AND PREDICTION OF FUTURE BENZO[A]PYRENE CONCENTRATIONS OVER EUROPE Armin Aulinger	560	ATMOSPHERIC POLYCYCLIC AROMATIC HYDROCARONS: RESEARCH AND POLICY NEEDS Ravindra Khaiwal
17:40	Close of sessions Conference Banquet				

Friday, March 23, 2012

09:15 Plenary session

- 09:20 FUTURE SURFACE OZONE OVER EUROPE: PRECURSOR EMISSION REDUCTIONS DOMINATE OVER CHANGES INDUCED BY CLIMATE CHANGE
Camilla Andersson 712
- 09:40 EVALUATION OF THE U.S. EPA'S REPORT TO CONGRESS ON BLACK CARBON
John Watson 893
- 10:00 AIR POLLUTION CONTROL 21TH CENTURY - WHAT REMAINS?
Detlev Moeller 537
- 10:20 THE ROLE OF MIXED AEROSOLS FROM NATURAL AND ANTHROPOGENIC SOURCES ON MICROPHYSICAL PROCESSES IN THE ATMOSPHERE
George Kallos 862

10:40 Tea/coffee

	Session A	Session B	Session C
11:15	Air quality impact on regional to global scales	Source apportionment	Emission models and inventories
11:20	HIGHER THAN EXPECTED NOX EMISSION FROM TRUCKS MAY AFFECT ATTAINABILITY OF NO2 LIMIT VALUES IN THE NETHERLANDS Guus Velders 565	AIR PARTICULATE MATTER IN POLLUTED NEW ZEALAND URBAN ENVIRONMENTS: SOURCES, PATTERNS AND TRANSPORT Travis Ancelet 544	A FARM LEVEL AMMONIA EMISSION MODEL FOR INVENTORY PURPOSES IN FLANDERS (BELGIUM) Peter Demeyer 627
11:40	THE FRACTION OF AMBIENT FINE PARTICULATE POLLUTION (PM2.5) ATTRIBUTABLE TO HOUSEHOLD COOKING WITH SOLID FUELS IN ASIA Zoe Chafe 620	FAST CHANGES IN PARTICLE COMPOSITION AND SIZE DURING THE NEAR-FIELD TRANSPORT OF INDUSTRIAL PLUMES Helene Marris 571	RESIDENTIAL WOOD COMBUSTION IN FINLAND AND EMISSION FACTOR DATABASE Ville-Veikko Paunu 677
12:00	EFFECTS OF SHIP EMISSIONS ON GLOBAL AND REGIONAL AEROSOL DISTRIBUTIONS FOR FUTURE LOW-SULFUR SCENARIOS Mattia Righi 646	MEASUREMENT AND MODELLING OF PARTICULATE MATTER FROM WOOD COMBUSTION IN TALLINN Erik Teinmaa 643	PROCESSING OF PARTICULATE MATTER IN SHIP PLUMES Jana Moldanova 852
12:20	NUMERICAL SIMULATION OF VOLCANIC ASH DISPERSION AND SEDIMENTATION FROM NOVEMBER 3RD 2002 EL REVENTADOR VOLCANO ERUPTION, ECUADOR Rene Parra 615	COMPARISON BETWEEN CITY AND PORT PM2.5 CHARACTERISATION THROUGH AN INTENSIVE INVESTIGATION: A PMF MODELING STUDY FOR THE AREA OF THESSALONIKI, GREECE John Bartzis 628	A COUPLED ROAD DUST AND SURFACE MOISTURE MODEL FOR CALCULATING TRAFFIC INDUCED EMISSIONS FROM ROAD WEAR, SALTING AND SANDING Bruce Denby 721
12:40	REGIONAL MODELLING OF THE TROPOSPHERIC MULTIPHASE SYSTEM USING COSMO-MUSCAT Roland Schroedner 788	ROLE OF FUEL AND LUBRICATING OIL ON PARTICULATE MATTER AND SEMIVOLATILE ORGANIC COMPOUND EMISSIONS FROM NORMAL- AND HIGH-EMITTING LIGHT-DUTY VEHICLES Eric Fujita 793	SPATIAL AND TEMPORAL CHARACTERIZATION OF TRAFFIC EMISSIONS IN URBAN AREA WITH MOBILE LABORATORY Liisa Pirjola 604

13:00 Lunch and poster session

	Air quality impact on regional to global scales	Source apportionment	Emission models and inventories
14:30	MODELLING STUDY OF BIOGENIC EMISSIONS IMPACT ON THE TROPOSPHERIC OZONE IN ITALY Rita Cesari 841	REPRESENTATIVENESS AND SOURCE APPORTIONMENT OF PM2.5 - A CASE STUDY OF AN URBAN FIXED STATION IN VARESE (I) Sinan Yatkin 685	EMISSIONS AND RADIATIVE FORCING OF SHORT-LIVED CLIMATE FORCERS FROM DOMESTIC COMBUSTION IN THE NORDIC COUNTRIES Kaarle Kupiainen 720
14:50	THE ROLE OF TRANSBOUNDARY AIR POLLUTION OVER GALICIA AND NORTH PORTUGAL AREA Maria Dios 737	VOLATILE ORGANIC COMPOUNDS IN THE CITY AIR OF WROCLAW, POLAND: SOURCE APPORTIONMENT USING CHEMICAL MASS BALANCE MODELLING TECHNIQUE Ralf Kurtenbach 770	DEVELOPMENT OF HIGH-RESOLUTION MOTOR VEHICLE EMISSION INVENTORIES FOR SOUTH AMERICA Jorge Martins 747
15:10	AIR QUALITY IN THE EASTERN MEDITERRANEAN: EMISSIONS, CHEMICAL COMPOSITION AND CLIMATE SENSITIVITY Ulas Im 631	WAVELETS AND MULTISCALE ANALYSIS FOR URBAN AIR QUALITY DATA: NEW INSIGHTS Petros Mouzourides 682	INVENTORY OF PESTICIDE EMISSIONS INTO THE AIR IN EUROPE Ermioni Solomou 714
15:30	ASSESSING THE ROLE OF STRUCTURE, LOCATION AND EMISSIONS IN THE IMPACT OF MEGACITIES ON AIR QUALITY IN EUROPE Guillaume Siour 697	SOURCE APPORTIONMENT OF POLYCYCLIC AROMATIC HYDROCARBONS AT THE METROPOLITAN AREA OF PORTO ALEGRE USING RECEPTOR MODELING Camila Mattiuzi 807	VIABILITY OF MYRTLE TREE AS NATURAL FILTER FOR THE GASEOUS EMISSIONS OF INTERNAL COMBUSTION ENGINES Salam Bash AlMaliky 751
15:50	Tea/coffee and poster session		
16:15	Plenary Future challenges for air quality research		
17:00	Close of conference		