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UNIVERSITÀ DEGLI STUDI DI BERGAMO

DIPARTIMENTO DI SCIENZE AZIENDALI,
ECONOMICHE E METODI QUANTITATIVI

DIPARTIMENTO DI INGEGNERIA

University of Bergamo
Workshop on

*Energy, Air Quality
and Sustainability:
Models and
Evidence*

November
22 - 23 / 2012

Via dei Caniana n.2, Bergamo
Aula 15



Regione Lombardia

Progetto cofinanziato da Regione Lombardia
tramite il "Fondo per la promozione
di accordi istituzionali"

con il patrocinio di:



CONFINDUSTRIA BERGAMO



Per motivi organizzativi si prega di inviare, con congruo anticipo, entro il 20.11.2012, una mail di conferma della partecipazione a:

Sig.ra Marina Margheron

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E-mail: marina.margheron@unibg.it

PROGRAMMA

November 22, Thursday

12.30-13.00: Registration

13.00-14.00: *Brunch and welcome of participants*

14.00-14.15: Introduction *Alessandro Fassò*

14.15-15.15: Keynote address

Antonio Conejo, Scheduling energy and reserve in systems with high wind penetration.

Chairperson: *Marida Bertocchi*

15.15-15.45: *M.T.Vespucci, Models for the optimal management of medium-voltage AC network with distributed thermal and RES generation and storage devices*

15.45-16.15: *Paolo Piscicella, A bilevel programming approach to modelling of power transmission capacity planning*

16.15-16.45: *Coffee break*

16.45-17.15: *Giorgia Oggioni, The decarbonization of the Italian electricity market: the effect of incentives to renewables and CCS technologies,*

Chairperson: *Elisabetta Allevi*

17.15-17.45: *Paolo Falbo, The optimal number of certificates to be issued in emission markets*

20.00-22.00: *Dinner - Ristorante "La Marianna", Largo Colle Aperto, Bergamo*

November 23, Friday

09.00-10.00: Keynote address

Abdel El-Shaarawi, Environmental control and statistics.

Chairperson: *Alessandro Fassò*

10.00-10.30: *Michela Cameletti, The INLA approach for Bayesian Air quality models*

10.30-11.00: *Coffee Break*

11.00-11.30: *Francesco Finazzi, European air quality modelling and population exposure distribution*

11.30-13.00: **Round Table on Energy, Air Quality and Sustainability: Research Perspectives and Resources**

Chairperson: *Marida Bertocchi*

Stefano Paleari, Università di Bergamo

Daniela Cocchi, Università di Bologna

Antonio Conejo, Universidad de Castilla - La Mancha

Abdel El-Shaarawi, The American University in Cairo

Alessandro Fassò, Università di Bergamo

Paolo Falbo, Università di Brescia

Guido Lanzani, ARPA Lombardia

Luigi Tischer, Strategic Business Director della ROBUR S.p.A.

13.00-14.00: *Closing and Lunch*

14.00-17.00: Satellite parallel meetings:

The Role of Statisticians for Sustainability and the Environment

14.00-15.00: Open discussion

15.00-16.30: Scientific session

Rosalba Ignaccolo, Functional data modelling of atmospheric vertical profiles.

Daniela Cocchi e Francesca Bruno, Assessing the effect of grouping in air quality hierarchical spatio-temporal models.

Alessio Pollice, Air quality in Taranto: statistical and modelling issues arising with the analysis of monitoring network data.

Giovanna Jona Lasinio, Spatial and space-time modeling of directional data.

Marcello Chioldi, Modelling space time point data in environmental statistics: theoretical and applied issues

Risk-constrained Multi-stage Wind Power Investment (Room 257)

Marida Bertocchi

Antonio Conejo

Paolo Piscicella

Maria Teresa Vespucci

