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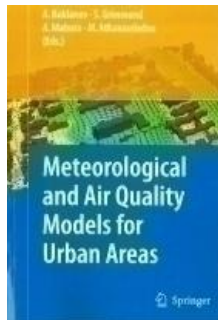
Publications

In this section you can find an overview of all COST Publications edited by COST Actions or the COST Office. Please note that COST does not commercialise these publications. A link to the publication is shown when available. If the box "Copies Available" appears, an extra copy is available from the COST Office. If not, please do contact the Action Chair, whose contact details can be found via the Actions section.

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2010 | Action Number: [728](#)
Meteorological and Air Quality Model for Urban Areas

Copies available

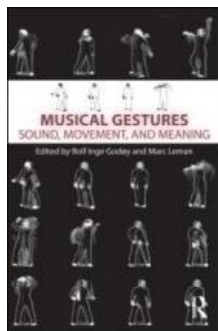
Pages: 183
 Author(s): A. Baklanov, S. Grimmond, A. Mahura and M. Athanassiadou (Eds)
 Publisher(s): Springer
<http://www.springer.com/earth+sciences+and+geography/meteorology+%26+climatology/book/978-3-642-00297-7>
 ISBN/ISSN: 978-3-642-00297-7

This book, based on the selected presentations given at the COST728 workshop, is concerned with the following main topics/chapters:

- Urban morphology and databases,
- Parameterisations of urban canopy,
- Strategy for urbanization of different types of models,
- Evaluation and city case studies / field studies.

The chapters were concerned with dynamic (on wind and turbulent) and thermal effects (on temperature and energy in general). The final chapter of this volume summarizes the discussion and conclusions from the four main topics and provides recommendations and future requirements.

The book is oriented towards numerical weather prediction and air quality modelling communities.

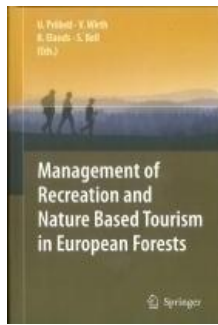


2010 | Action Number: [287](#)
Musical Gestures: Sound, Movement And Meaning

Copies available

Pages: 307
 Author(s): R. I. Godoy and M. Leman
 Publisher(s): Routledge
<http://www.routledgemusic.com/books/Musical-Gestures-ISBN9780415998871>
 ISBN/ISSN: 978-0-415-99886-4

Musical Gestures is a collection of essays addressing the fundamental issues of gesture research in relation to music. This includes different approaches to what musical gestures are about, analyses of the relationships between gestures and sound, the relationships between performance and perception of gestures, and their significance and use in cultural contexts. It takes an interdisciplinary approach to these issues, drawing on ideas, theories, and methods from disciplines such as musicology, music perception, human movement science, cognitive psychology, and computer science.



2010 | Action Number: [E33](#)

Management of Recreation and Nature Based Tourism in European Forests

Pages: 363

Author(s): U. Pröbstl, V. Wirth, B. Elands and S. Bell (eds)

Publisher(s): Springer

► <http://www.springer.com/earth+sciences+and+geography/book/978-3-642-03144-1>

ISBN/ISSN: 978-3-642-03144-1

This book provides for the first time a Europe-wide overview on the state of the art of management of recreation and nature tourism in forests. It describes the current situation and conflicts in the different regions of Europe and provides solutions illustrated by good practise examples. It addresses traditions, differences and similarities in European forests as well as new tasks, goals and strategies. The final discussion provides a profound insight into future trends regarding forest recreation and nature based tourism.

Copies available



2010 | Action Number: [2102](#)

Development of Multimodal Interfaces: Active Listening and Synchrony

Author(s): A. Esposito, N. Campbell, C. Vogel, A. Hussain and A. Nijholt. (Eds.)

Publisher(s): Springer

► [Download from external website](#)

Second COST 2102 International Training School, Dublin, Ireland, March 23-27, 2009, Revised Selected Papers

The themes of the papers presented in this book emphasize theoretical and practical issues for modelling human-machine interaction, ranging from the attempt in describing "the spacing and orientation in co-present interaction" to the effort for developing multimodal interfaces, collecting and analysing interaction data and emergent behaviour as well as analysing the use of nonverbal and pragmatic elements of exchanges, implementing discourse control and virtual agents and using active listening in computer speech processing.

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2010 | Action Number: [B25](#)

Proceedings of the final Congress of COST Action B25: Physiologically Based Pharmacokinetics and Dynamics

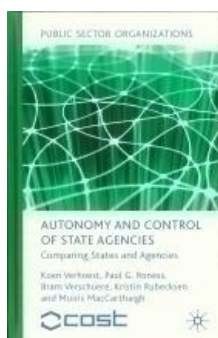
Author(s): U. Gundert-Remy, P. Macheras and O. Pelkonen

Publisher(s): Wiley-Blackwell

► <http://www3.interscience.wiley.com/journal/123279166/issue>

ISBN/ISSN: 1742-7835

Copies available



2010 | Action Number: [IS0601](#)

Autonomy and Control of States Agencies

Pages: 311

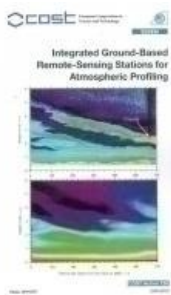
Author(s): K. Verhoest, P. G. Roness, B. Verschuere, K. Rubecksen and M. MacCarthaigh

Publisher(s): Palgrave Macmillan

► <http://www.palgrave.com/products/title.aspx?is=9780230577657>

ISBN/ISSN: 978-0-230-57765-7

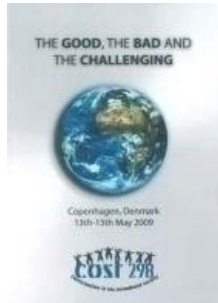
Copies available



2010 | Action Number: [720](#)
Integrated Ground-Based Remote-Sensing Stations for Atmospheric Profiling

Copies available

Pages: 398
Author(s): D. Engelbart, W. Monna, J. Nash and C. Mätzler
Publisher(s): OPOCE
[Download from external website](#)
ISBN/ISSN: 978-92-898-0050-1
EUR: 24172



2010 | Action Number: [298](#)
The Good, the Bad and the Challenging

Copies available

<http://conference2009.cost298.org>

This DVD contains the lectures of the participants in the Copenhagen conference which took place on 13-15 May 2009.



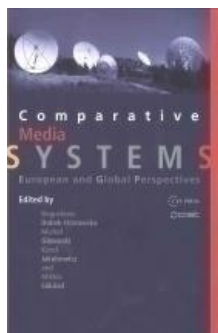
2010 | Action Number:
COST Interaction Conference

Out of Stock

Pages: 101
Author(s): B. Reichert
Publisher(s): OPOCE
[Download from external website](#)
ISBN/ISSN: 92-827-7020-6
EUR: 16827

The Swiss authorities and European Commission jointly organised the COST Interaction Conference from 9 to 11 October 1995 in Basel (CH). More than 600 participants from inside and outside the COST networks attended this event. The conference was structured around 3 symposia:

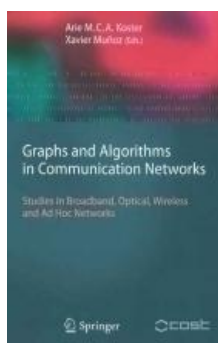
- The reasonable exploitation of earth's resources;
- the development of new processes, products & services and
- the human dimension in science and society.



2010 | Action Number: [A30](#)
Comparative Media Systems - European and Global Perspectives

Copies available

Pages: 290
Author(s): B. Dobek-Ostrowska, M. Glowacki, K. Jakubowicz and M. Sükösd
Publisher(s): CEU Press
<http://www.ceupress.com/books/html/Comparative-Media-Systems.htm>
ISBN/ISSN: 978-963-9776-54-8



2010 | Action Number: [293](#)
Graphs and Algorithms in Communication Networks

Out of Stock

Pages: 426
Author(s): A. Koster and X. Muñoz
Publisher(s): Springer
www.springer.com/978-3-642-02249-4
ISBN/ISSN: 978-3-642-02249-4

Algorithmic discrete mathematics plays a key role in the development of information and communication technologies, and methods that arise in computer science, mathematics and operations research - in particular algorithms, computational complexity, distributed computing and optimization - are vital to modern services such as mobile telephony, online banking and VoIP.

This book examines communication networking from a mathematical viewpoint. The contributing authors took part in the European COST

Action 293 - a four-year program of multidisciplinary research on this subject. In this book they offer introductory overviews and state-of-the-art assessments of current and future research in the fields of broadband, optical, wireless and ad hoc networks.

Particular topics of interest are design, optimization, robustness and energy consumption. The book will be of interest to graduate students, researchers and practitioners in the areas of networking, theoretical computer science, operations research, distributed computing and mathematics.



2010 | Action Number:

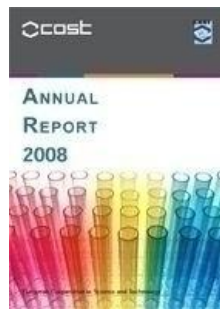
Road-mapping the Digital Revolution: Visions from COST Foresight 2030

Author(s): A. Ferreira

[Download \(PDF, 176 kB\)](#)

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From innovation triggered by user virtual communities to remote surgery and new financial instruments, the creative power of individuals is being fostered at proportions previously unseen. The main driver enabling such a pace of innovation, scientific progress, and user adoption is the Digital Revolution. One consequence is that interrelationships between science, technology and society are increasing in complexity and harder to understand. COST Foresight 2030 was an initiative encompassing a set of events designed to explore a multi-disciplinary vision for a future permeated and shaped by the digital revolution. The first of such events was a brainstorming workshop on Computer and Communication Sciences and Technologies, whose objective was to identify key technologies available by year 2030 and the corresponding benefits for Individuals, Society, and the World, in terms of Devices, Systems, and Services. The outcomes of this workshop will serve as the basis for experts in other scientific areas to envision how challenges in their respective disciplines will be tackled when such technologies are available. Such outcomes were presented at the IEEE VITAE conference.



2009 | Action Number:

Annual Report 2008

Pages: 74

Author(s): COST Office

[Download \(PDF, 1 MB\)](#)

Copies available

The 2008 Annual Report presents the yearly achievements, Domain activities, publications, and more. The document is available in pdf.



2009 | Action Number: [725](#)

Benefit of Old Phenodata Series - Evaluation and Declaring Ability in Italian Journal of Agrometeorology

Pages: 58

Author(s): S. Orlandini et al

Publisher(s): AIAM

ISBN/ISSN: 1824-8705

Copies available



2009 | Action Number: [724](#)

Developing the Scientific Basis for Monitoring, Modelling and Predicting Space Weather

Pages: 364

Author(s): J. Liliensten, A. Belehaki, M. Messerotti, R. Vainio, J. Watermann, S. Poedts

Publisher(s): OPOCE

[Download from external website](#)

EUR: 23348

Copies available

Thanks to COST Action 724, space weather now has a European definition: Space weather is the physical and phenomenological state of natural space environments. The associated discipline aims,

through observation, monitoring, analysis and modeling, at understanding and predicting the state of the Sun, the interplanetary and planetary environments, and the solar and non-solar driven perturbations that affect them, and also at forecasting and nowcasting the potential impacts on biological and technological systems.



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