

How Editors and Universities Need to Work Together to Prevent Misconduct

Professor Ben R. Martin

SPRU – Science and Technology Policy Research,
The Freeman Centre, University of Sussex

Brighton, BN1 9QE, UK

(B.Martin@sussex.ac.uk)

Presentation at 2nd World Conference on
Research Integrity, Singapore, 21-24 July 2010

Introduction

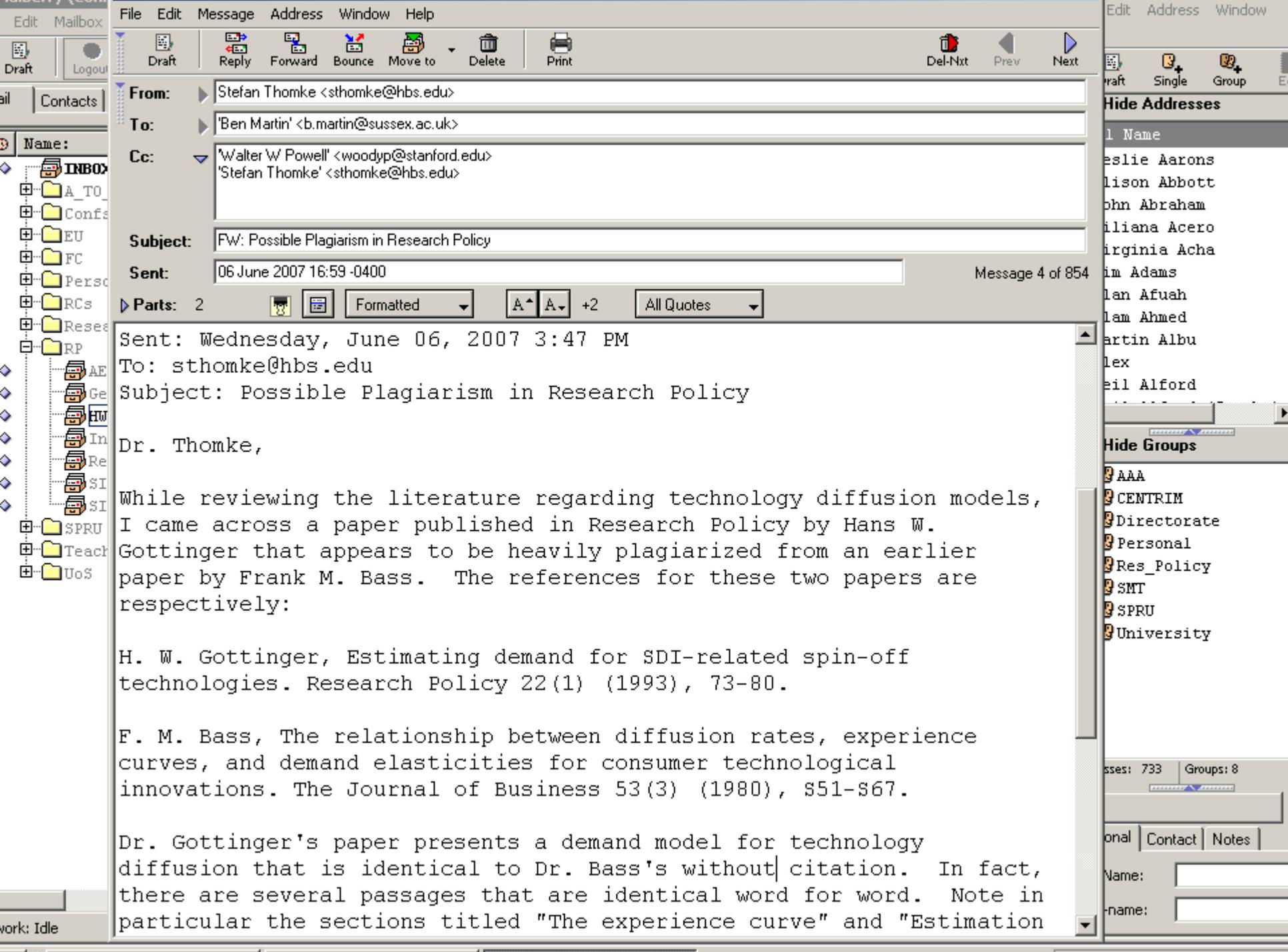
The self-policing of 'The Republic of Science'

- Academic misconduct is **rare**, generally **low-level**, and **self-correcting**.
- Any serious misconduct is **quickly detected** by peer review and **stopped**.
- The risks of being caught and the resulting sanctions are so great that **few** are **tempted** to stray down this route.

But assumes

- peer review succeeds in detecting misconduct
- editors (& publishers etc.) and universities work together

Case-study – what happens when editors and universities **do not** work closely together?



Hypothesis 1

Borderline plagiarism?

3. The experience curve

The concept of declining costs and prices resulting from learning as expressed in the accumulated experience of a firm has been extensively developed and applied by the Boston Consulting Group [3] with further clarification and specification by Spence [15], Fudenberg and Tirole [6], Hart [10], to name only a few. Apparently the earliest identification of the particular form of the experience curve was found in the study of learning curves for airframes. Arrow [1] utilized this form in his pioneering paper, and the same form has been employed by the Boston Consulting Group. The marginal cost function, called the experience curve is

$$MCY(t) = C_1[Y(t)]^{-\lambda} \quad (1)$$

where $MC[Y(t)]$ is the cost of producing the Y th unit of output, $Y(t)$ is the accumulation output at time t , C_1 is a scaling parameter, sometimes referred to as the cost of producing the first unit, and λ is a learning parameter, $\lambda > 0$, that could be identified as “localized learning” in the sense of Stiglitz [16].

The current marginal cost depends not only on current output, but also on earlier output, or

The Experience Curve

The concept of declining costs and prices resulting from learning as expressed in the accumulated experience of a firm has been extensively developed and applied by the Boston Consulting Group (1968). Apparently the earliest identification of the particular form of the experience curve was found in the study of learning curves for airframes. Arrow (1962) utilized this form in his pioneering paper, “The Economic Implications of Learning by Doing,” and the same form has been employed by the Boston Consulting Group.

The marginal cost function, called the experience curve, is

$$MC[E(t)] = C_1[E(t)]^{-\lambda}, \quad (1)$$

where

- $MC[E(t)]$ = the marginal cost of producing the E th unit of output;
- $E(t)$ = accumulative output at time t ;

- C_1 = a scaling parameter, sometimes referred to as the cost of producing the first unit; and
- λ = a learning-rate parameter, $\lambda > 0$.

The current marginal cost depends not only on current output but also on earlier output or experience. If time is measured in discrete units the

Hypothesis 2

Author produced just a single paper, then disappeared?

Search Results -- Summary

AU=(Gottinger HW)

DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1900-2006

NEW! View **Author Sets** for [Gottinger HW](#)

Search within results:

Refine your results

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#)

[more choices](#)

118 results found (Set #1)

Go to Page: of 12

Records 1 -- 10

Navigation icons: back, forward, search, etc.

Use the checkboxes to select records for output. See the sidebar for options.

1. **Gottinger HW**
[Global technological races](#)
JAPAN AND THE WORLD ECONOMY 18 (2): 181-193 MAR 2006
Times Cited: 0

2. **Gottinger HW**
[Special issue - Optimal energy economics under global environmental constraints - Preface](#)
INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 17 (5-6): 415-639 2002
Times Cited: 0

3. **Gottinger HW**
[Modeling stochastic innovation races](#)
TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE 69 (6): 607-624 JUL 2002
Times Cited: 0

Sort by:

Analyze Results:

View rankings of the authors, journals, etc. for these records.

Citation Report:

View detailed citation counts and the h-index value for the results.

Output Records:
 Selected records on page
 All records on page
 Records to

Hypothesis 3

A one-off 'moment of madness'?

How to check?



Advanced Search

[Advanced Search Tips](#) | [About Google](#)

Find results with **all** of the words 10 results

with the **exact phrase**

with **at least one** of the words

without the words

Language Return pages written in

Region Search pages located in:

File Format return results of the file format

Date Return web pages first seen in the

Occurrences Return results where my terms occur

Domain return results from the site or domain
e.g. google.com, .org [More info](#)

Page Rights Return results that are
[More info](#)

SafeSearch No filtering Filter using [SafeSearch](#)

Page-Specific Search

Similar Find pages similar to the page
e.g. www.google.com/help.html

Links Find pages that link to the page



Gottinger plagiarism Kyklos -Nature -"Research Search Advanced Search Preferences

Search: the web pages from the UK

Web Results 1 - 2 of 2 for Gottinger plagiarism Kyklos -Nature -"Research -Policy". (0.51 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

A Case of Plagiarism

A Case of Plagiarism. RenC L. Frey, Bruno S. Frey and Reiner Eichenberger. A reader of Kyklos recently advised us that the paper by Hans W. Gottinger en- ... www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-6435.1999.tb00219.x - Similar pages

Bidding for Research Initiatives: a Reprise

uWsomWWW/plagiarism.htm. REFERENCES: Frey, R.L., B.S., Frey and R. Eichenberger. (1999). A. Case ofPlagiarism, Kyklos. 52: 31 1-3 12. Gottinger, H.W. ... www.blackwell-synergy.com/doi/pdf/10.1111/j.1467-6435.1999.tb00220.x - Similar pages

Download Google Pack: free essential software for your PC

Gottinger plagiarism Kyklos -Nature - Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve | Try Google Experimental

Google Home - Advertising Programmes - Business Solutions - About Google

A Case of Plagiarism

René L. Frey, Bruno S. Frey and Reiner Eichenberger

A reader of *Kyklos* recently advised us that the paper by Hans W. Gottinger entitled 'Competitive Bidding for Research' published in Vol. 49, 1996: 439–447 is practically identical to the article by Dr. G. J. Wyatt entitled 'Bidding for Research Initiatives' published in the *Economics of Innovation and New Technology*, Vol. 2, 1992: 157–163.

Gottinger was given the opportunity to reply to the accusation of plagiarism. But he did not produce a satisfactory explanation.

On the basis of the available evidence, we are convinced that this is a clear case of plagiarism, and we hereby extend our apologies to Dr. Wyatt as well as to the readers of *Kyklos*. Plagiarism jeopardizes scientific research and is a strong infringement on authors' rights. As a consequence, the editors have decided:

- not to accept any future paper by Gottinger;
- to request the leading citation and abstracting indexers to delete all references and citations to Gottinger's paper;
- to inform other leading journals in economics as well as the dean and rector of the institutions where Gottinger is employed;
- to publish an accurate summary of Wyatt's paper in this issue of *Kyklos* and to make the full article available on the world wide web.

René L. Frey Bruno S. Frey Reiner Eichenberger
Managing editors

Competitive Bidding for Research

Hans W. Gottinger*

I INTRODUCTION

Many researchers are routinely responding to 'research initiatives' put forward by funding bodies such as research councils and the European Union, in which the funding body designates some area within which it wishes to see proposals. These initiatives in effect call for competitive tendering of research proposals by research teams. In many instances there is a high ratio of applications to actual grants, with the apparent implication that a lot of researcher effort has been wasted drawing up the unsuccessful proposals

PDF (586 K) Export Citation E-mail Article

Abstract

Research Policy

Volume 22, Issue 1, February 1993, Pages 73-80

doi:10.1016/0048-7333(93)90033-E | How to Cite or Link Using DOI
Copyright © 1993 Published by Elsevier B.V.
Permissions & Reprints

Cited By in Scopus (1)

RETRACTED: Estimating demand for SDI-related spin-off technologies

Hans W. Gottinger^a

^aNuffield College, Oxford OX1 1NF, UK

Available online 1 April 2002.

This article has now been formally retracted at the request of Editors-in-Chief. Please see

<http://www.elsevier.com/locate/withdrawalpolicy>. The Publisher apologizes for any inconvenience this may cause.

Reason: This article substantially copies large sections from an earlier article by F. M. Bass [The relationship between diffusion rates, experience curves, and demand elasticities for consumer technological innovations. *The Journal of Business* 53 (3) (1980), S51-S67].

It presents a demand model for technology diffusion that is almost identical to that put forward by Professor Bass without citing or acknowledging this earlier paper. In addition, the data it uses are not drawn from the source cited but appear to have been fabricated.

M. Bell, M. Callon, H. Grupp, F. Kodama, S. Kuhlmann, B.R. Martin, W.W. Powell, S. Thomke, N. Von Tunzelmann, The Editors of *Research Policy*.

Correspondence to: H.W. Gottinger, Nuffield College, Oxford OX1 1NF, UK

* The author is grateful to the referees for perceptive remarks on the model and related issues that helped to improve the presentation.

Related Articles

- Retraction notice to 'Estimating Demand for SDI-related Spin-off Technologies' *Research Policy*
- Innovation and industrialization *Technological Forecasting and Social Change*
- Subject index volume 22 (1) *Research Policy*
- Firms, markets and economic growth *Research Policy*

View More Related Articles

View Record in Scopus



Lib

A New Information

Find

Free su
print and

Hypothesis 4

Research Policy paper published in 1993, and
Kyklos paper in 1996

Problem occurred only during a relatively brief
period when Gottinger under stress?

Stopped once caught in 1999?

File Edit View Document Tools Window Help

2 / 21 75%

Find

2 The background: economic and natural environment

In this section, the production, consumption and climatic aspects of the model are specified. As in a previous paper [1] we shall consider a world that consists of two countries. The two countries have the same preferences, the same production technology, the same climate, but (maybe) different population sizes. Two goods can be produced, one of which is an agricultural good and the other a manufactured good. The productivity of the agricultural sector is affected by the global temperature. The manufacturing activities, on the other hand, affect temperature level.

The formal specification of the model is as follows:

- 1 time, denoted t , is discrete and the horizon is infinite: $t \in \{0, 1, \dots\}$
- 2 the world consists of two countries: Country H and Country F . Population in each country is constant over time.

Let the size of the world population be normalised to one country. Country H has a population of 'size' α while Country F has $1 - \alpha$. Population is immobile between countries. The two countries are assumed to have identical production technology, identical preferences and identical climate. In what follows, the production and consumption size of the model is specified for Country H . The variables of Country F which will be denoted by attaching a superscript $*$ can be specified in the same way.

File Edit View Document Tools Window Help

3 / 19 75%

Find

2. ECONOMIC AND NATURAL ENVIRONMENT

In this section the production, consumption, and climatic aspects of a world economy are specified. Roughly speaking, we shall consider a world that consists of two countries. Two goods are produced, one of which is an agricultural good and the other a manufactured good. The productivity of the agricultural sector is affected by the global temperature. The manufacturing activities, on the other hand, affect temperature.

The formal specification of the model follows. Time, denoted by t , is discrete and the horizon is infinite: $t \in \{0, 1, \dots\}$. The world consists of two countries: H and F . Population in each country is constant over time. Let the size of world population be normalized to one. Country H has a population of size α , whereas country F , $1 - \alpha$.

The two countries are assumed to have identical production technologies, identical preferences, and identical climate. In what follows the production and consumption sides of the model are specified for country H . The variables of country F , which will be denoted by attaching a superscript $*$, can be specified in the same way.

On the production side of the world, two non-storable goods are produced, an agricultural good and a manufactured good, with quantities being denoted by X_1 and X_2 . Goods can be transported at zero cost.

There is a fixed continuum of firms in each industry. Hence both industries are perfectly competitive. Labor is the only input of production. At each date a representative firm in industry i ($i = 1, 2$) chooses the level of employment in the industry, l_{it} .

The production technology of both goods exhibits constant returns to scale. The productivity of labor in the manufacturing sector does not depend on climate and is denoted by b . Output of the manufacturing sector at date t can then be written as $X_{2t} = bl_{2t}$. In the agricultural sector, however, the productivity of labor depends on one aspect of the climate, namely, the global temperature. Let $a(\tau_t)$ denote the productivity coefficient of the agricultural sector, i.e., $X_{1t} = a(\tau_t)l_{1t}$, where τ_t is the world average temperature level in period t .

The variable $a(\tau_t)$ captures the effects of global warming on agriculture. It is assumed that $a(\tau_n) > 0$; $a(\tau_u) = 0$; and $a'(\tau_t) < 0$ for all $\tau_t \in [\tau_n, \tau_u]$. The temperature level τ_n denotes the "natural" temperature level, i.e., the level at which the global temperature would stay in the absence of any manufacturing activities, while τ_u ($> \tau_n$) is the temperature level at which the agriculture productivity equals zero.¹ Therefore, by assumption the agriculture productivity is positive when there have been no manufacturing activities. A higher level of temperature reduces the agriculture productivity.² The agriculture productivity eventually approaches zero as temperature level reaches τ_u .

¹ According to Cline (7), crop yields collapse to zero at 45°C.



PUBLISHERS OF DISTINGUISHED ACADEMIC, SCIENTIFIC AND PROFESSIONAL JOURNALS

Journals Article **Back To:** Main • Publication • Issue

- Home
- Search
- Browse



- Account**
- Account Home
- Shopping Cart
- Order History
- Register
- Subscription Info
- Terms and Conditions

International Journal of Global Energy Issues
Issue: Volume 18, Numbers 2-4 / 2002
Pages: 181 - 201
URL: [Linking Options](#)

Full Text Access

Full Text Secured
The full text of this article is secured to subscribers. To gain access, you may:

- Services**
- Services Home
- Alerting
- Favourites
- Active Search
- For Authors
- For Readers

Negotiation and optimality in an economic model of global climate change

Hans W. Gottinger

A¹ Institute of Management Science, Univ of Maastricht (RL), The Netherlands

Subscribe to this publication.

- Support**
- Support Home
- Contact Us
- Downloads
- Exports
- Publisher Support

Abstract:
We suggest a two-country, two-sector model as a basis for the control of global climate change in which the dynamic time path of the world economy is analysed under the provision that the outcomes of a negotiation game generate the global optimal solution.

Add this item to your shopping cart for purchase later.

Purchase this item now.

Log in to verify access.

Keywords:



Incentive compatible environmental regulation

Hans Werner Gottinger

IIEEM and University of Maastricht (RL), Netherlands

Received 30 November 1999; accepted 23 April 2001

Optimal environmental regulations are derived in the presence of asymmetric information about pollution abatement costs. It is recognized that compliance may have to be induced through appropriate monitoring and enforcement measures. The regulator commits to monitoring of compliance with the incentive compatible environmental regulation, and asymmetric information characterizes the interaction between the firm and regulator. The probabilities of monitoring abatement standards and corresponding subsidies are optimally chosen to ensure firm compliance. Enforcement considerations are shown to distort downward the pollution abatement requirements mandated for firms.

© 2001 Academic Press

Keywords: environmental regulation, asymmetric information, incentive compatibility, monitoring

1. Introduction

In the regulatory setting, it seems quite reasonable to assume that firms have much better information about their productive capabilities and abatement opportunities than does the regulator. In the model of environmental regulation with asymmetric information which follows, the regulator anticipates the strategic response of a firm possessing full information about the cost of pollution abatement. In the model, it is assumed that the regulator can make a commitment to an incentive schedule from which the firm chooses a pollution abatement level and receives a corresponding subsidy (or penalty). Formally, the regulator's problem can be represented as a direct revelation game in which the regulator commits to an incentive schedule, assigning abatement responsibility and the level of subsidy to the firm on the basis of a subsequent message sent by the firm to the regula-

tor. The theoretical justification for the restriction to an incentive compatible regulatory mechanism is provided by the revelation principle (Laffont and Tirole, 1992). In the present context, the revelation principle states that for any indirect regulatory mechanism (and, in particular, any one in which the firm misrepresents its privately held information about abatement costs), a direct mechanism may be found which achieves the regulator's objective just as successfully and which also induces truthful revelation of the key information.

Attempts to construct incentive compatible environmental regulations (e.g. Kwerel, 1977, Dasgupta, Hammond and Maskin, 1980, and Spulber, 1988) have neglected to address the equally important issue of enforcement. The connections between incentive-compatible standard setting and costly monitoring and enforcement have been insufficiently explored in the environmental economics literature. Just as uniform standard setting should

Now things are getting serious

1. A serial plagiariser
2. Did not stop after he was caught in 1999

Time to hand the case over to his employer for a full investigation of his other 100 articles and dozen books

Who is his university employer?

Hans-Werner Gottinger

Hans-Werner Gottinger is the **Director of the Institute of Management Science, University of Maastricht, The Netherlands** and Professor of Economics at the University of Osaka (KGU), Japan. Studied mathematics and economics at the University of Goettingen and Munich, Germany. He worked with the Institute of Statistics, University of Munich (1968-70), Ford Foundation Fellow, University of California, Berkeley (1970-74), IME, University of Bielefeld, Germany (1974-80), Director (non-executive), Institute for Technological Forecasting and Assessment, Fraunhofer Gesellschaft, Bonn, Germany (1988-90), Visiting Professor, Oxford University and Faculty Fellow, Nuffield College (1990-91) and Amsterdam Institute of Finance, Amsterdam (2000-2002). He has consulted for many organisations, including IBM San Jose, California (1972-73), Stanford Research Institute (SRI), Menlo Park (1978-80), Battelle Institute (1984-86), Nomura Research Institute, Tokyo (1988, 1994-1996), and CICERO (Oslo), NERA, London (1997-98). Professor Gottinger's research is on Economics and Management of Network Industries (Telecommunications and Energy), Regulatory Economics, Decision Analysis and Decision Support Systems, Managerial and Industrial Economics, Economic Methods and Models in Economic Policy Analysis and major projects undertaken with NTT, C&W, Statoil, US Environmental Protection Agency, TNO, IOPC (London), EU-ESPRIT, RACE, EU Competition Policy. He has published over 100 research articles in international professional journals, collected volumes: operations research, decision support systems, integrated economic modeling and policy analysis, managerial, industrial and regulatory economics, energy, environmental and resource economics. His major books include Foundations of Decision Analysis (in German, 1974); Subjective Probabilities (in German, 1974); Decision Theory and Social Ethics, with W. Leinfellner (1978); Elements of Statistical Analysis (1980); Coping with Complexity: Perspectives for Economics and Management (1983); The Management of Public Programs (in German, 1986); Elements of Statistical Analysis (1986); Artificial Intelligence: A Tool for Management and Business, with P. Weimann (1990); Economic Models of Solid Waste Management (1991); Hazardous Waste: Economic Risk Reductions, Special Issue of the International Journal of Environmental Pollution and Control (IJEP, 1997); Global Telecommunications and the Internet, with M. Takashima (1998); Global Environmental Economics (1998); Economies of Network Industries (2003); and Innovation, Technology and Hypercompetition (forthcoming by Routledge 2006). He is an Associate Editor of several international journals, Co-editor, Methods of Operations Research, Technological Forecasting and Social Change, International Journal of Technology Management and the International Journal of Managerial Decision-Making and Management.



CHOICE AND COMPLEXITY

Hans W. GOTTINGER

*The University of Maastricht (RU), Institute of Management Science, PO Box 591, Maastricht,
The Netherlands*

and

Department of Systems Engineering, University of Virginia, Charlottesville, VA 22901, U.S.A.

Communicated by F.W. Roush

Received 6 May 1986

An attempt is made to propose a concept of limited rationality for choice functions based on computability theory in computer science.

Starting with the observation that it is possible to construct a machine simulating strategies of each individual in society, one machine for each individual's preference structure, we identify *internal states* of this machine with strategies or strategic preferences. Inputs are possible actions of other agents in society, thus society is effectively operating as a *social choice machine*. The main result states that effective realization of choice functions is bound by the 'complexity of

actual grants, with no apparent limit
been wasted drawing up the unsuccessful proposals

The situation resembles the case of socially wasteful rent seeking (Buchanan 1980), which appears not to have been treated as such in the design of bidding for research projects. From the results of modelling such a situation we could expect important policy conclusions for R&D and technology policy. It is also of more general concern whether excessive competition could be socially damaging, how and why? (Suzumura 1995). Related results pointing in the same direction are due to Dasgupta and Maskin (1987)

The basic facts motivate an examination of the process by which research is commissioned. A first question that arises is: how can the process be modelled? It seems reasonable to assume that researchers or their leaders are rational, and that they act rationally with respect to some objective functions. Scientific reputation and ratings depend importantly on assessments of research performance, and that is often judged by quantitative measures of both research output and research inputs. Research inputs in the form of funding from grant giving bodies have been seen as evidence of research activity rather than as a cost of

* Prof Dr, International Institute for Environmental Economics and Management (IIEEM), Schloss, D-88339 Bad Waldsee, Germany, IMS, University of Maastricht (RL), NL-6200 AN Maastricht and School of Economics, University of Nagasaki, Nagasaki 850, Japan

Competitive positioning through strategic alliance formation: review and synthesis

Hans-Werner Gottinger

Institute of Economic Analysis,
University of Osaka (KGU),
Osaka, Japan
E-mail: hansgottinger@aol.com

Abstract: This paper explores competitive positioning through network competition on the basis of alliance formation (strategic alliances, joint ventures). From a strategic perspective, technological competition will be refined and expanded into new markets, or new markets will be created through alliance formation. Alliance formation could speed up competitive positioning and technological leadership in strategically important, though geographically diverse, markets. Revenue management tools can help in linking alliance formation to better competitive outcomes, thereby improving strategic directions.

Keywords: competition; corporate governance; managerial economics; networks; revenue management; strategic alliance.

Reference to this paper should be made as follows: Gottinger, H-W. (2007) 'Competitive positioning through strategic alliance formation: review and synthesis', *Int. J. Revenue Management*, Vol. 1, No. 2, pp.200–216.

Bibliographic notes: Dr. Gottinger is a Professor of Economics at the University of Osaka (KGU), and the Director of the Institute of Management Science, Maastricht, NL. He has internationally taught and widely published in the areas of industrial, energy and environmental economics. In these areas he has also advised international organisations.

Mr H.W. Gottinger
 Unterringstrasse 21
 85051 Ingolstadt
 Germany

Your reference

Our reference

Extension

Maastricht

JG/EV 07.10.0359

83516/83522

18.06.2007

treated by: J. Gerards

Executive Board

Dear Mr Gottinger,

On several websites, including www.worldsustainable.org, you present yourself as 'Director of the Institute of Management Science, University of Maastricht in the Netherlands'.

This institute does not exist, nor have you been appointed or are you affiliated with Maastricht University (UM) or its institutes in any capacity whatsoever. We have received complaints about this incorrect designation, which is harmful to the university's reputation.

UM cannot allow third parties to formally present themselves as being part of its organisation. Therefore, the Executive Board summons you to ensure that all erroneous and false information is removed without delay from the websites and publications in which it appears.

Should you fail to do so within fourteen days, we will be forced to take legal action.

Yours sincerely,

Dr J.M.M. Ritzen



President

Maastricht University Executive Board

T (043) 388 2222

F (043) 3884898

Visiting address

Minderbroedersberg 4-6
 6211 LK Maastricht

Postal address

P. O Box 616
 6200 MD Maastricht
 The Netherlands

VAT ID EU

NL003475268B01

by research teams. In many instances there is a high ratio of applications to actual grants, with the apparent implication that a lot of researcher effort has been wasted drawing up the unsuccessful proposals

The situation resembles the case of socially wasteful rent seeking (Buchanan 1980), which appears not to have been treated as such in the design of bidding for research projects. From the results of modelling such a situation we could expect important policy conclusions for R&D and technology policy. It is also of more general concern whether excessive competition could be socially damaging, how and why? (Suzumura 1995). Related results pointing in the same direction are due to Dasgupta and Maskin (1987)

The basic facts motivate an examination of the process by which research is commissioned. A first question that arises is: how can the process be modelled? It seems reasonable to assume that researchers or their leaders are rational, and that they act rationally with respect to some objective functions. Scientific reputation and ratings depend importantly on assessments of research performance, and that is often judged by quantitative measures of both research output and research inputs. Research inputs in the form of funding from grant giving bodies have been seen as evidence of research activity rather than as a cost of

* Prof Dr, International Institute for Environmental Economics and Management (IIEEM), Schloss, D-88339 Bad Waldsee, Germany, IMS, University of Maastricht (RL), NL-6200 AN Maastricht and School of Economics, University of Nagasaki, Nagasaki 850, Japan

Econometric modelling, estimation and policy analysis of oil spill processes

Author: Gottinger, Hans W.¹
Source: International Journal of Environment and Pollution, Volume 15, Number 3, 17 September 2004 , pp. 333-363(31)
Publisher: Inderscience Publishers



Purchase options

The full text electronic article is available for purchase. You will be able to download the full text electronic article after payment.

\$43.90 plus tax [Refund Policy](#)

[Add to cart](#) [Purchase later](#)

OR

[Buy now](#) [Credit/debit card](#) [Institutional payment account](#)

[More about this publication?](#)

[More like this?](#)

[< previous article](#) | [next article >](#) | [view table of contents](#)

mark item

Content Key: Free New OA - Open Access Subscribed Free Trial

Abstract:

This paper explores approaches to model specification suitable for empirical investigation of a stochastic oil spill model. We focus on the effects of economic incentive measures on the frequency of oil spills, spill size, and volume of oil spilled. We look into the relationships between parameters that describe the spill generation process and the enforcement effort, using data for the Black and Baltic Seas.

Keywords: ENVIRONMENTAL JOURNALS; Environment and Sustainable Development

Document Type: Research article

DOI: 10.1504/IJEP.2001.005271

Affiliations: 1: International Institute for Environmental Economics and Management (IIRRM), Schloss Waldsee, D 88339, Bad Waldsee, Germany



Advanced Search

[Advanced Search Tips](#) | [About Google](#)

Find results

with **all** of the words 50 results

with the **exact phrase**

with **at least one** of the words

without the words

Language Return pages written in

Region Search pages located in:

File Format return results of the file format

Date Return web pages first seen in the

Occurrences Return results where my terms occur

Domain return results from the site or domain
e.g. google.com, .org [More info](#)

Usage Rights Return results that are
[More info](#)

Safe Search No filtering Filter using [SafeSearch](#)

Page-Specific Search

Similar Find pages similar to the page
e.g. www.google.com/help.html

Links Find pages that link to the page

Topic-Specific Searches



Bad Waldsee "International Institute for Environr

Search

Advanced Search Preferences

Search: the web pages from the UK

Web Results 1 - 10 of about 41 for Bad Waldsee "International Institute for Environmental Economics and Management". (0.35 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

SSRN-Economic Damage Control for Greenhouse Gas Emissions by Hans ... International Institute for Environmental Economics and Management (IIEEM) - General Schloss D-88339 Bad Waldsee GERMANY +49 841 975117 (Phone) ... papers.ssrn.com/sol3/papers.cfm?abstract_id=200579 - 29k - Cached - Similar pages

IngentaConnect Econometric modelling, estimation and policy ... Affiliations: 1: International Institute for Environmental Economics and Management (IIRRM), Schloss Waldsee, D 88339, Bad Waldsee, Germany ... www.ingentaconnect.com/content/ind/ijep/2004/00000015/00000003/art00013 - Similar pages

A dynamic model of optimal reduction of marine oil pollution International Institute for Environmental Economics and Management (IIEEM), Schloss Waldsee, D 88339 Bad Waldsee, Germany. Program Systems Institute, RAS, ... www.inderscience.com/search/index.php?action=record&rec_id=5192&prevQuery=&ps=10&m=or - Similar pages

Stochastic models of oil spill processes International Institute for Environmental Economics and Management,. Schloss Waldsee, D 88339 Bad Waldsee, Germany. (e-mail: hg528@bingo.baynet.de) ... www.inderscience.com/filter.php?aid=5185 - Similar pages [More results from www.inderscience.com]

[PDF] MONITORING POLLUTION ACCIDENTS by Hans W. Gottinger International ... File Format: PDF/Adobe Acrobat - View as HTML International Institute for Environmental Economics and Management (IIEEM). Schloss. D-88339 Bad Waldsee. and. Institute of Management Science ...



Advanced Search

[Advanced Search Tips](#) | [About Google](#)

Find results

with **all** of the words 50 results

with the **exact phrase**

with **at least one** of the words

without the words

Language Return pages written in

Region Search pages located in:

File Format return results of the file format

Date Return web pages first seen in the

Occurrences Return results where my terms occur

Domain return results from the site or domain

e.g. google.com, .org [More info](#)

Usage Rights Return results that are
[More info](#)

Safe Search No filtering Filter using [SafeSearch](#)

Page-Specific Search

Similar Find pages similar to the page
e.g. www.google.com/help.html

Links Find pages that link to the page

Topic-Specific Searches



mental Economics and Management" -Gottinger

[Advanced Search](#)
[Preferences](#)

Search: the web pages from the UK

Web

Tip: Save time by hitting the return key instead of clicking on "search"

Your search - **Bad Waldsee "International Institute for Environmental Economics and Management" -Gottinger** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Dr. Martin Gersch

Competence Center E-Commerce
Ruhr-Universität Bochum,
Universitätsstr. 150, GC 4/37
44780 Bochum
GERMANY

Prof. Dr. Hans-Werner Gottinger

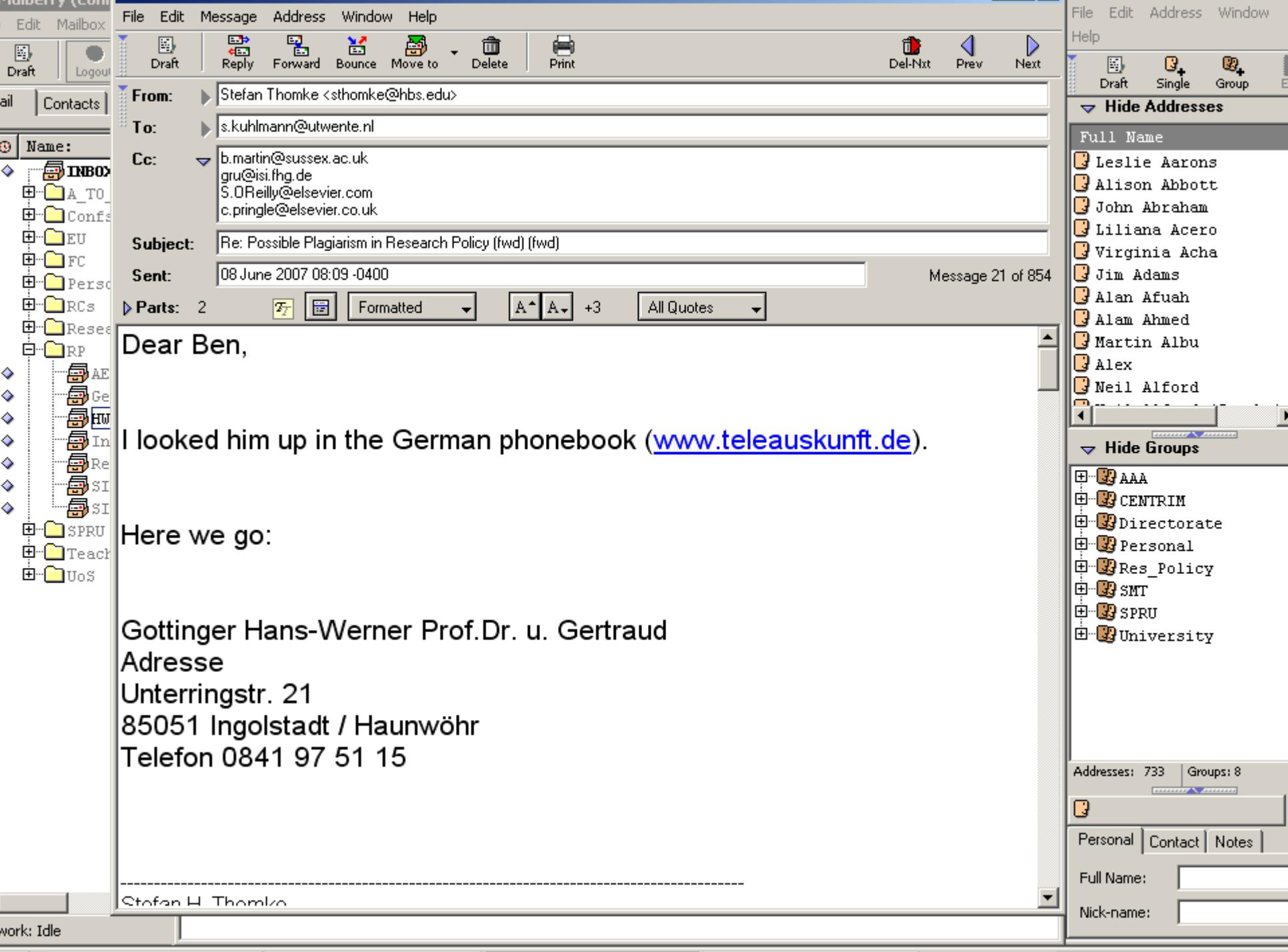
International Institute for Technology Management and
Economics (IITME)
Unterring 21
85051 Ingolstadt
GERMANY

Prof. Puneet Handa

Department of Finance
Tippie College of Business
University of Iowa
S 280, PBAB
Iowa City IA 52241
USA

Dr. Andreas Hoecht

Portsmouth Business School
University of Portsmouth,
Richmond Building, Portland Street
Portsmouth. PO1 3DE



From: Stefan Thomke <sthomke@hbs.edu>
To: s.kuhlmann@utwente.nl
Cc: b.martin@sussex.ac.uk
 gru@isi.fhg.de
 S.O'Reilly@elsevier.com
 c.pringle@elsevier.co.uk
Subject: Re: Possible Plagiarism in Research Policy (fwd) (fwd)
Sent: 08 June 2007 08:09 -0400 Message 21 of 854

Parts: 2 Formatted +3 All Quotes

Dear Ben,

I looked him up in the German phonebook (www.teleauskunft.de).

Here we go:

Gottinger Hans-Werner Prof.Dr. u. Gertraud
 Adresse
 Unterringstr. 21
 85051 Ingolstadt / Haunwöhr
 Telefon 0841 97 51 15

Stefan H. Thomke

File Edit Address Window Help

Draft Single Group

Hide Addresses

Full Name

- Leslie Aarons
- Alison Abbott
- John Abraham
- Liliana Acero
- Virginia Acha
- Jim Adams
- Alan Afuah
- Alan Ahmed
- Martin Albu
- Alex
- Neil Alford

Hide Groups

- AAA
- CENTRIM
- Directorate
- Personal
- Res_Policy
- SMT
- SPRU
- University

Addresses: 733 Groups: 8

Personal Contact Notes

Full Name:

Nick-name:



"International Institute for Technology Management" Search [Advanced Search](#)
[Preferences](#)

Search: the web pages from the UK

Web

Tip: Save time by hitting the return key instead of clicking on "search"

Your search - **"International Institute for Technology Management and Economics" -Hans-Werner -Gottinger** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Hypothesis 5

Although it may occasionally slip up with regard to ensuring the research integrity of publications, **the peer-review process works much more thoroughly when it comes to the selection of individuals**, for example in choosing the Chair and Head of Department.

Gilmer, Ephraim F. Professor of Computer Science, member, Faculty of Information Technology, Ph.D. (University of Washington).

Gobert, Tamberly Automation Archivist, A.B., (Cornell University).

Goldberg, Mark K. Professor of Computer Science; Member, Faculty of Information Technology; Ph.D. (Mathematical Institute of the Academy of Science, Novosibirsk, USSR).

Goldenberg, David H. Associate Professor in Lally School of Management and Technology; Ph.D. (University of Florida).

Gordon, Tamar Assistant Professor of Anthropology and Sociolinguistics; Ph.D. (University of California, Berkeley).

Gottinger, Hans Professor and Chair of Economics; Ph.D. (University of Munich).

Gowdy, John M. Professor; Ph.D. (West Virginia University).

<http://www.rpi.edu/dept/catalog/99-00/Faculty/g.html>

18/07/2007

g

Page 2 of 2

Grabowski, Martha R. Research Associate Professor of Decision Sciences and Engineering Systems; Ph.D. (Rensselaer Polytechnic Institute).

Graves, Robert J. Professor of Decision Sciences and Engineering Systems; Member, Faculty of Information Technology; Ph.D. (State University of New York, Buffalo).

Greenwood, Allan N. Philip Sporn Professor of Electric Power Engineering; Ph.D. (University of Leeds, England).

Home **Leaders**

[[the Global Community](#)] [[Global Dialogue](#)]



Global Dialogue

Earth Community Organization (ECO)
the Global Community

Research Paper

Dr. Hans W. Gottinger

Germany

hg528@bingo.baynet.de

hg528@bingo-ev.de

gottih@rpi.edu

hwgott@aol.com

Leader

for Discussion Roundtables [1](#), [2](#), [3](#), [4](#), [5](#), [7](#), [10](#), [22](#), [23](#), [24](#), [25](#), [26](#), [28](#), [32](#), [35](#), [40](#), [47](#), [53](#), [54](#), and [55](#)

Table of Contents

- 1.0 [Sustainability: Marco vs Micro](#)
- 2.0 [Article 2](#)
- 3.0 [Article 3](#)
- 4.0 [Article 4](#)
- 5.0 [Article 5](#)
- 6.0 [Article 6](#)

Hypothesis 6

Peer review works *even more* thoroughly when choosing the Rector/President of a University.

188. ERGEBNIS DER WAHL DES REKTORS GEMÄSS UOG 1993

Der vom Senat gem. UOG 1993 in seiner Sitzung am 12.6.1995 erstellte Wahlvorschlag lautete:

Prof. Dr. Willibald **Dörfler** (Uni Klagenfurt)
Prof. Dr. Hans **Gottinger** (Uni Maastricht)
Prof. Dr. Thomas **Heinze** (Fernuniversität Hagen)

Die am 14.6.1995 gem. UOG 1993 i.V.m. der Satzung der Universität Klagenfurt durchgeführte Wahl des Rektors durch die Universitätsversammlung brachte folgendes Ergebnis:

Mitglieder der Universitätsversammlung: 100
Abgegebene Stimmen: 89
Ungültige Stimmen: 28

Es entfielen auf:

Prof. Dr. Willibald **Dörfler**: 40
Prof. Dr. Hans **Gottinger**: 18
Prof. Dr. Thomas **Heinze**: 3

Da keiner der Kandidaten mehr als die Hälfte der abgegebenen Stimmen erhalten hat, wurde anschließend eine **Stichwahl** durchgeführt:

Abgegebene Stimmen: 89
Ungültige Stimmen: 4

Es entfielen auf:

<http://www.uni-klu.ac.at/home/mitteiblatt/old/94-95/mittei31>

18/07/2007

Mitteilungsblatt 31/1994/95

Page 2 of 5

Prof. Dr. Willibald **Dörfler**: 45
Prof. Dr. Hans **Gottinger**: 40



Die Presse

Uni Salzburg - Acht Kandidaten für Rektorswahl.

153 words

19 May 1998

Die Presse

German

(c) Die Presse 1998 www.diepresse.at.

Die Wahl des Rektors wird am 17. Juni stattfinden.

WIEN (red.). Mit einer Rekordzahl an Bewerbungen wird am 17. Juni die Wahl des Rektors der Universität Salzburg - für eine Amtszeit von vier Jahren - stattfinden. Bis jetzt haben sich acht Kandidaten gemeldet (in alphabetischer Reihenfolge: @KK Univ.-Prof. Dr. Manfred Buchroithner (Kartographie an der TU Dresden); @KK Univ.-Prof. Dr. Hans **Gottinger** (Managerial and Environmental Economics, University of Maastricht, Niederlande); @KK Univ.-Prof. Dr. Adolf Haslinger (Germanistik, derzeit Rektor in Salzburg); @KK Dipl.-Informatiker Günter Koch (IT & Telematics, Austrian Research Centers); @KK Univ.-Prof. Dipl.-Ing. Dr. Werner Koenne (Computerwissenschaft, Uni Salzburg); @KK Prof. Dr. Joachim Kohlhof (Betriebswirtschaftslehre, HS für Wirtschaft und Technik, Brandenburg); @KK Prof. DDr. Heiner Timmermann (Neue Geschichte an den Unis Jener, Budapest, Sundsvall und Moskau); @KK Univ.-Prof. Dr. Felix Unger (Herzchirurgie am Landeskrankenhaus Salzburg).

Document diep000020010922du5j00co1

RP and Nature go public

August 2007 – *Nature* article and *RP* editorial

What happened next?

Deluge of new information

Number of confirmed cases of plagiarism rose from 3 to 14

- 9 got past referees & editors and were published
- only 5 caught before publication

6 instances where Gottinger fired/forced to resign

- for plagiarism
- for having 2 full-time jobs & 2 salaries at the same time
- for forging letters of support in an EU grant application

Gottinger's institutional affiliations

1968 Research Assistant, Netherlands School of Economics, Rotterdam

1969-70 Lecturer, Institute of Econometrics and Statistics, University of Munich

1970-72 Ford Foundation Fellow, Department of Statistics and Economics, UC Berkeley

1972-73 IBM Laboratories, San Jose, California

1973 Lecturer, Department of Economics, Univ of California, Santa Barbara

1973-80 Professor, Department of Sociology, Bielefeld University

1974 Department of Electrical Engineering and Computer Science, UC Berkeley

1974 International Institute for Applied Systems Analysis (IIASA), Austria

1976-79 Professor, Interfaculty of Management & Organization, Groningen University

1977 Laboratoire d'Automatique & d'Analyse des Systems (LAAS) Toulouse

1979-84 Group leader, National Research Center for Environment & Health (GSF), Neuherberg

1983 Visiting Professor, Department of Economics, University of California, Berkeley

1983 Visiting Research Fellow, JFK School of Government, Harvard

Hypothesis 7

While an individual might be able to get away with plagiarism in a few cases over short period of time, the self-policing mechanisms of the academic community will ensure that he/she cannot continue with this over a prolonged period, let alone make a career out of it.

Automatica, Vol. 14, p.299

© Pergamon Press Ltd. 1978. Printed in Great Britain

ACKNOWLEDGEMENT OF PRIORITY

It was noticed that the contents of a paper published in the Dutch Journal "Annals of System Research", and also in the Romanian Journal, "Economic Computation and Economic Cybernetics Studies and Research" as well as the French Journal, "R.A.I.R.O.", closely resembled those of a paper previously published in Automatica although the similarity was not acknowledged. Consequently the following note was submitted for publication in Automatica—
Editor.

This is to acknowledge that the papers entitled "Information Structures in Dynamic Team Decision Problems" that appeared in the Journals, "Annals of System Research" Vol. 4 (1974), "Economic Computation and Economic Cibernetic Studies and Research", Vol. 4 (1975) and "Revere Francaise d'Automatique, Information et Recherche Operationnelle" (R.A.I.R.O.), Vol. 10, (1976) under my name contain essentially all ideas, methods and conclusions that have been obtained before in a paper on Multi-Person Control Problems entitled "Information Structure in Dynamic Multi-person Control Problems" by Y. C. Ho and K. C. Chu published in Automatica Vol. 10, (1974). I fully regret this incident.

Hans W. Gottinger
University of Groningen
Netherlands

Conclusion

Does self-policing work? In this case,

- plagiarism extended over 30 years
- the plagiarist got to 'top' of profession
- he did not stop when detected
- detectors assumed that 'first offence' and gave quiet 'slap on the wrist', &/or too embarrassed to pursue further
- bogus Maastricht professorship not detected for 24 years

This shouldn't have happened!

Need to revisit assumption that self-policing works

Greater vigilance and willingness to pursue well-founded suspicions required from all

- editors, referees, readers, publishers need to be alert
- universities need to investigate suspicious cases
- database to log 1st time (& repeat) offenders?

Conclusion

If have suspicions, don't leave it to 'someone else' to sort out problem

A form of 'tragedy of the commons'

- Too much hassle for individual to pursue, but in long run makes overall situation worse for academic community

Cf. findings from game theory experiments

- Co-operators VS defectors
- Punishers VS 'second-order free-riders'

Task of 'punishing' comes at a cost to you

Editors and universities must be prepared to incur that 'cost' if plagiarism and other research misconduct to be kept in check

The end of the matter?

August 2007

- Editorial in *Research Policy*
- Exposé in *Nature* & newspapers in Germany, Austria, Netherlands etc.
- HWG told *Nature* that now 'semi-retired'

Stopped producing papers?

Stopped creating new affiliations and institutes?

eurosis

"The European Multidisciplinary Society for Modelling and Simulation Technology"



- [Aim](#)
- [Conferences](#)
- [Projects](#)
- [Publications](#)
- [Courses](#)
- [Exhibition](#)
- [Careers](#)
- [Links](#)
- [Forum](#)
- [Experts](#)

[Home](#) > [EUROSIS-ETI](#)

FUBUTEC 2008, April 9-11, 2008, FEUP-University of Porto, Portugal, 2nd Call for Papers

FUBUTEC-2008

5th Annual Future Business Technology Conference 2008

2ND CALL FOR PAPERS

Limiting Risk in Business through Simulation

April 9-11, 2008

FEUP-University of Porto, Porto

Portugal

Organised by

ETI

Sponsored by

EUROSIS

For latest information see:

<http://www.eurosis.org/cms/?q=taxonomy/term/94>

or <http://www.eurosis.org>

Dear Colleague,

this is a reminder that the abstract submission deadline for

FUBUTEC 2008 is next January 10.

The proposals received will be reviewed by the Selection Committee to ensure a high quality and appropriate mix for the conference. The goal of the Selection Committee is to provide a diverse set of tutorials that attract a large interest among the broad segments within the diverse simulation community.

Tutorial

Industrial Economics and Management - PART I



[Hans Werner Gottinger](#)

Professor of Managerial and Industrial Economics
Institute Director
STRATEC, [TU Munich](#), Germany

Abstract

Objectives: This part covers basic and advanced economic and managerial issues of modern industrial economics. Network effects are essential to high technology and service industries in a universal sense, and they experience managerial problems that are different to those in conventional markets. They are circumscribed by relentless, high speed dynamic competition with ever shortening product cycles. Even beyond

THE END

© Ben R Martin (all rights reserved)

Do not plagiarise!

'The Talented Professor Gottinger'

© MMX

Directed by Anthony Minghella

Starring Robin Williams

Coming to a cinema near you!