

Mededelingen

### Najaarsvergadering van de Sociaal-Wetenschappelijke Sectie van de VVS

De najaarsvergadering van de SWS/VVS zal gehouden worden op woensdag 15 november a.s. in het Jaarbeursgebouw te Utrecht.

#### Agenda

Wetenschappelijk gedeelte:

11.00 - 12.30 uur H. Eijffers (geografisch instituut, RU Utrecht)  
De factor score controverse -  
"Heb je nou wa. aan facto. analyses of niet?"

12.30 - 13.30 uur. Pauze

13.30 - 15.00 uur: W. Saris (sociologie, VU) en  
C. Middendorp (Steinmetzarchief, Amsterdam):  
Confirmatorische factoranalyse, met een toepassing  
op ideologische oriëntaties.

2 Huishoudelijk gedeelte:

- 15.00 - 16.00 uur: a. opening  
b. notulen voorjaarsvergadering (zie VVS-bulletin  
sept. 1978, p. 6)  
c. mededelingen van het bestuur  
d. nota Post Academisch Onderwijs (wordt gepubli-  
ceerd in VVS-bulletin, november-nummer)  
e. rondvraag  
f. sluiting

Postacademische cursussen Statistiek en Meettheorie FSW

De Vakgroep Statistiek en Meettheorie van de FSW R.U. Groningen organiseert in 1979 de volgende cursussen:

- 1) MULTIVARIANCE, docent Jeremy D. Finn, State University of New York at Buffalo. Een cursus met practicum van 4½ dag over talrijke multivariate technieken waaronder: univariate en multivariate regressie-analyse, een-weg multivariate variantie-analyse, contrasten-analyse, discriminant-analyse, geneste proefopzetten, herhaalde metingen. De cursus is toegesneden op het verantwoord leren werken met deze technieken binnen het programmapakket MULTIVARIANCE en gaat niet diep in op de wiskundige theorie. Aan de deelnemers wordt tevoren bepaalde literatuur ter bestudering verstrekt.

De cursusdata zijn:

maandag 21 mei t/m zaterdagochtend 26 mei 1979, Hemelvaartsdag vrij.  
bij voldoende belangstelling is er een parallelcursus op  
dinsdag 15 mei t/m zaterdagochtend 19 mei 1979.  
Bij opgave kunt U voorkeur c.q. onmogelijkheid voor één van beide weken aangeven. Kosten f 75,- (studenten f 25,-).

- 2) MULTIDIMENSIONAL SCALING, docent Anthony P.M. Coxon, University College Cardiff. Deze cursus zal zich vooral richten op de modulen van het zgn. "Coxon-pakket" voor afbeelding van gelijkenis en/of preferentiedata, met hun sociaalwetenschappelijke toepassingen. Een definitieve cursusbeschrijving wordt in oktober verwacht.

Cursusdata: 3 t/m 7 september 1979. Kosten f 75,- (studenten f 20,-).

- 3) De bekende cursus BAYESIAANSE STATISTIEK gebaseerd op het CADA-pakket van Novick c.s. wordt gedoceerd van 2 t/m 6 april 1979 door Dr. Charles Lewis en/of Prof. Dr. W. Molenaar.  
Kosten: f 25,- (studenten f 10,-).

Opgave en inlichtingen bij Mw. W. Lakerveld,  
Vakgroep Statistiek & Meettheorie FSW,  
Oude Boteringestraat 23,  
9712 GC GRONINGEN.  
tel. 050 - 115260.

Wegens het beperkte aantal deelnemers geschiedt plaatsing in volgorde van binnenkomst.

Inschrijving kan uitsluitend d.m.v. een inschrijvingsformulier, verkrijgbaar bij Mw. Lakerveld. Ook degenen die zich eerder al op andere wijze hebben aangemeld, dienen een inschrijvingsformulier te gebruiken. Betaling van het cursusgeld kan geschieden door overmaking van het bedrag op postgironummer 826171 van de Rijksuniversiteit Groningen; t.n.v. kostenplaatsnummer 086001 P.A.O.-cursussen Statistiek.

KUNSTMATIGE INTELLIGENTIE.

Een cursus in dit vak wordt gedurende 8 weken gegeven door H. Kunst en H. Koppelaar, uit het zeer interessante MIT-boek:

P.H. Winston, Artificial Intelligence,  
Addison-Wesley, 1977, ISBN 0-201-08454-6

De cursus vangt aan op 18 oktober 's morgens om 9.30 uur in zaal 5.13 van het Psychologisch Lab., Varkenmarkt 2 te Utrecht.

Inlichtingen via 030-328711, vragen naar Kunst of Koppelaar.

1. Studiedag over de nota "Meerjarenplan Sociaal Onderzoek en Beleid"  
(herhaalde aankondiging)

In juni van dit jaar is bij de Staatsuitgeverij de Nota "Meerjarenplan Sociaal Onderzoek en Beleid" verschenen, afkomstig van de Minister voor Wetenschapsbeleid. In deze nota worden concrete maatregelen aangekondigd ter stimulering van het sociaal-wetenschappelijk onderzoek ten behoeve van het beleid. Hiervoor zal in de komende jaren een bedrag van in totaal f 7 miljoen worden uitgetrokken.

Aan deze nota en de daarin vervatte plannen zal een studiedag worden gewijd op

vrijdag 10 november as.

Deze dag wordt georganiseerd door de NSAV tezamen met de Nederlandse Kring voor Wetenschap der Politiek en de Vereniging voor Bestuurskunde.

Plaats: Hoog Brabant, Radboudkwartier, Hoog Catharijne, Utrecht.

Programma:

- 10.00 uur Koffie bij aankomst.
- 10.30 uur Opening.
- 10.45 uur Inleiding Prof. Dr. H.A. Becker.
- 11.15 uur Coreferaten van elk 20 minuten door Prof. Dr. A. Hoogerwerf, Prof. Dr. A. Peper en Prof. Dr. M. van de Vall.
- 12.15 uur Lunch.
- 14.00 uur Forumdiscussie; forumleden: inleider en coreferenten, en Drs. G. van Benthem van den Berg, Drs. A. Rip en Drs. C.H. Stefels.
- 15.30 uur Thee.
- 16.00 uur Reactie Becker.
- 16.30 uur Samenvattende opmerkingen voorzitter.
- 16.45 uur Sluiting.

Prof. Dr. R.A. de Moor zal als voorzitter optreden.

Zij die deze studiedag willen bijwonen worden uitgenodigd zich op te geven door middel van het aanmeldingsformulier uit Sociodrome 1978-4. De deelnemers ontvangen een toelatingsbiljet (daarzonder geen toegang), plus een programma, een samenvatting van genoemde nota en stellingen van de inleiders.

IPSA WORLD CONGRESS  
(INTERNATIONAL POLITICAL SCIENCE ASSOCIATION)

Moscow, UdSSR, 12 - 18 August 1979

Information about the overall program or other aspects of the World Congress may be obtained from the Program Chairman:

Prof. Richard L. Merritt  
Department of Political Science  
University of Illinois at  
Urbana-Champaign  
Urbana, Illinois 61801, USA

Some sessions are noted here:

TRANSFORMATION OF HISTORICAL AND MODERN SOCIAL AND POLITICAL SYSTEMS

Convenor: Prof. Richard L. Merritt  
Department of Political Science  
University of Illinois at  
Urbana-Champaign  
Urbana, Illinois 61801, USA

Co-convenor: Prof. Mogens N. Pedersen  
Institute for History & Social Sciences  
Odense University  
Niels Bohrs Alle  
DK-5000 Odense, DENMARK

ADVANCES IN COMPARATIVE MACRO-AND MICRO-ANALYSIS

Convenor: Prof. Arend Lijphart  
Vakgroep Politieke Wetenschappen  
Rijkuniversiteit te Leiden  
Hugo de Grootstraat 27  
Leiden, THE NETHERLANDS

Co-convenor: Prof. Sidney Verba  
Centre for International Affairs  
Harvard University  
6 Divinity Avenue  
Cambridge, Massachusetts 02138, USA

DATA INTERPRETATION, ANALYSIS, AND PREDICTION

Convenor: Prof. Jean Stoetzel  
Institut francais d'opinion publique  
20 rue d'Aumale  
Paris 9<sup>e</sup>, FRANCE

Co-convenor: Prof. Dr. Rudolf Wildenmann  
Rektor, Universität Mannheim  
Postfach 2428, Schloss  
D-6800 Mannheim 1, WEST GERMANY

POLITICAL ELITES

a+b Innovative current research on political elites

Convenor: Prof. Dwaine Marvick  
Department of Political Science  
University of California, L.A.  
Los Angeles, Calif. 90024, USA

b. LOCAL POLITICAL ELITES

Convenor: Prof. Fred Bruhns  
Graduate School of Public Affairs  
University of Pittsburgh  
Pittsburgh, Pennsylvania 15260, USA

DEVELOPMENT OF CONSTITUTIONAL LEGISLATION SINCE 1945 AND  
ITS INFLUENCE ON POLITICAL SYSTEMS

Convenor: Prof. Boris N. Topornin, Head  
Section on Sconsitutional Law  
Institute of State and Law  
Ul. Frunze 10-A  
Moscow 121 019, USSR

INTERNATIONAL SOCIOLOGICAL ASSOCIATION

IX. WORLD CONGRESS OF SOCIOLOGY

General Theme: Paths of Social Development  
Uppsala, Sweden, August 14 - 19, 1978

Following sessions are of special interest:

	Session	Chair	Rapporteur
SYMP 2	Sociology and history	K. Kulcsar Inst. of Sociology Hungarian Academy of Sciences Uri Utca 49, Budapest 1 HUNGARY	C. Tilly Center for Research on Social Organization University of Michigan, 330 Packard Street, Ann Arbor, Michigan 48105, USA

Session 1: Historical context and  
national development.

Session 2: Transfers of ideas and  
Procedures between history  
and sociology.

Session 3: To be announced (held concurrently).

Problems of Context : Conference on themes in System Research (April 17-19, 1979) Amsterdam

The topic

In all change and improvement, and indirectly in research, an important activity is isolating the area for change or study. When effective isolation is achieved, success usually is within reach. Unfortunately, the environment of the change area often remains ill-defined, and isolation therefore far away. We then have to deal with the effects of CONTEXT on what we change. We are required to find ways to solve its problems. Sometimes these effects are ignored---as in bad planning. Sometimes special effort is spent to find isolation boundaries which minimize negatively evaluated effects---as in problem formulation, or in the design of automatic systems. Sometimes one represents knowledge about isolation to maximize positive effects of context---as in learning or artificial intelligence growth.

Every discipline has developed methods to deal with problems of context; systematically though not always consciously; with with more or less success. The methods are tools for coping with what cannot be avoided. Such methods already have become part of systems research, and now seem to have reached the take-off point for independent study and accelerated growth. Interest in this field appears widespread enough to warrant convening a conference to stimulate and generate further development. At the conference only problems of context should be dealt with if studied concomitantly and within the framework of the idea of systems. Otherwise problems can be interdisciplinary from fields like: multi-level, methodology, applied artificial intelligence, policy and planning, psychology, education, sociology, mathematics, architecture, urban development, endocrinology or improvement of social action.

Subthemes

Contributions will be grouped by transdisciplinary sub-themes rather than by discipline or origin. Papers on the following subthemes have been suggested, are being prepared, and are solicited:

- Development of local structure
- Context dependent forms of measurement
- Control over side-effects
- Values and change
- Design for growth

Scientific Programs

FAPERS that present recent results of experimental and theoretical research on problems of context. DEADLINE FOR ABSTRACTS IS NOVEMBER 15, 1978. Abstracts not exceeding one page, should contain a clear statement of the problem and an indication of methods or results.

INVITED PAPERS that present broad, well-documented perspectives on some of the major problems of context.

WORKING GROUPS that deal with topics not yet developed enough for papers but which deserve systematic discussion and exchange of ideas.

There will be no parallel paper sessions.

Information

Gerard de Zeeuw  
c/o Subfaculty Andragogy  
Systeemgroep Nederland  
Grote Bickerstraat 72  
1013 NS Amsterdam  
Netherlands



# systems modelling

NETHERLANDS SOCIETY FOR SYSTEMS RESEARCH

INTERNATIONAL SUMMERSCHOOL ON SYSTEMS  
METHODOLOGY

THEME: SYSTEMS MODELLING

August 6-17, 1979

Graduate School of Management  
Delft, The Netherlands

Graduate School of Management  
Poortweg 6-8, 2612 PA Delft  
The Netherlands  
Tel. 569254

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## AIMS:

- to familiarize participants with recent developments in systems methodological problems
- to facilitate interaction between empirically oriented disciplines and systems methodology
- to propagate the comparison of different techniques and viewpoints
- to develop a working mastery of the subject areas

## APPLICANTS:

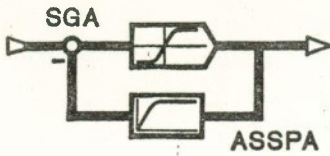
The course is intended for students at the graduate level and professional researchers in any empirical discipline (social sciences, economics, ecology, etc.), either with little or no prior experience, or with a more extensive background in systems methodology.

## TEACHING STAFF:

R.H. Atkin	(University of Essex, England)
G. Broekstra	(Graduate School of Management, The Netherlands)
R. Cavallo	(State University of New York, U.S.A.)
D.R. Gaines	(University of Essex, England)
G.J. Kill	(State University of New York, U.S.A.)
K. Krippendorff	(University of Pennsylvania, U.S.A.)
B.P. Zeigler	(Weizmann Institute of Science, Israel)

## PROGRAM STRUCTURE:

Working language will be English. The program consists of lecture and workshop modules. The logical order is treating problems conceptually first, while ending with specific and alternative approaches and tools of analysis. A detailed program will be available at the end of 1978, and will be sent to accepted participants as soon as possible.



**FIRST ANNOUNCEMENT AND CALL FOR PAPERS  
IFAC SYMPOSIUM ON  
COMPUTER AIDED DESIGN  
OF CONTROL SYSTEMS**

**Zürich, Switzerland, August 29 - 31, 1979**

**Sponsored by** the International Federation of Automatic Control (IFAC)  
Systems Engineering Committee  
Applications Committee  
Computer Committee  
Education Committee

**Organized by** the Swiss Federation of Automatic Control (SGA / ASSPA)

**International Program Committee**

K.J. Åström	(S)	M.G. Singh	(F)
W. Findeisen	(P)	V. Strejc	(CSSR)
R. Isermann	(FRG)	H. Unbehauen	(FRG)
G.A. Korn	(USA)	A. van Cauwenberghe	(B)
P.M. Larsen	(DK)	H.R. van Nauta Lemke	(NL)
M. Mansour	(CH) (Chairman)	J.H. Westcott	(GB)

and members of the Organizing Committee

**Organizing Committee**

F. Cellier	W. Schaufelberger (Chairman)
A.H. Glatfelder	M. Steiner
P. Grepper	J. Weiler
E. Ruosch	

**Symposium Editor** M. Cuénod (CH)

**Symposium Language** The official symposium language is English. No simultaneous translation will be provided.

- Purpose** The aim of the Symposium is to present the state-of-the-art of computer aided design techniques as used in research, development, design and manufacturing of control systems and equipment.
- Topics** The main topics of the Symposium will be the following
- design and analysis methods for plants, controllers and control systems
  - program packages and programming languages for design purposes
  - computer assisted planning
  - creativity and computers
  - application of computer aided design methods in research, development and instruction
  - application areas: power systems, transportation systems, production systems etc.
- Call for papers** All experts in this field are invited to offer papers on the listed topics.
- Abstracts** of such papers in English (200 - 300 words) in 5 copies should be received by the Organizing Committee not later than November 30, 1978.
- Time Schedule**
- |                        |                      |
|------------------------|----------------------|
| Abstract submission    | November 30, 1978    |
| Preliminary acceptance | January 31, 1979     |
| Full paper submission  | March 31, 1979       |
| Final acceptance       | April 30, 1979       |
| Registration deadline  | July 31, 1979        |
| Symposium              | August 29 - 31, 1979 |
- Papers and Copyright** Final papers should be submitted in English according to the Instructions for Authors which will be sent upon preliminary acceptance of the abstract. Preprints will be available at the Symposium and Proceedings will be published by Pergamon Press.
- Only papers which have actually been presented at the conference will be included in the Proceedings.
- Only unpublished papers may be submitted, IFAC holds the copyright for publication of the papers.
- Accepted papers are considered to have been submitted for possible publication in the IFAC Journal AUTOMATICA.
- Authors wishing to submit their paper after the meeting to other journals for republication require the permission of IFAC through the IFAC Secretary.
- Symposium Address** All correspondence should be addressed as follows:
- CAD / IFAC  
Institut für Automatik  
und Industrielle Elektronik  
ETH - Zentrum  
CH - 8092 Zürich, Switzerland
- Location** The Symposium will be held in the buildings of the Swiss Federal Institute of Technology, Zurich, Switzerland (ETH-Zentrum).
- Registration Fee** The registration fee for authors and participants will be SFr. 250.- for registrations paid before July 31, 1979. The late registration fee is SFr. 300.-. The registration fee includes one set of preprints.

SIGSIM

TO: everyone interested in modeling and simulation

FOR: joining a European Local SIGSIM chapter

WHY? Because

- due to distance, European SIGSIM members have difficulties in attending U.S.A. based meetings;
- local European activities need to be stimulated and coordinated with respect to the distribution of announcements;
- announcements and periodicals, shipped individually from the U.S.A. as surface mail are often (almost always) received too late to be fully attractive since mailing takes two to three months in average.

Therefore

European SIGSIM members feel themselves often not well served at this moment

Now

We think it is the right time to react.

It is our aim to solve these problems through a local European chapter.

HOW? The following suggestions have already been made:

- to coordinate the announcements of European simulation activities.
- to develop an up-to-date catalogue of courses and educational programs in Europe
- to develop an bibliography of books, articles, working and research papers, etc., available at various European university (and other) libraries. These works could be consulted through interlibrary loans.
- to stimulate the exchange of ideas and the distribution of working papers.

All this will be published regularly in a NEWSLETTER.

WE NEED YOUR COOPERATION!

- as an individual, provide us with your knowledge, criticism and proposals about the above suggestions. And PARTICIPATE at this venture and European activities.
- as an institution, inform us about courses and programs held at your institution. And send us information about your library content on simulation. Send also a copy of newly published working and research papers.
- as an organisation, provide us with calls for papers and announcements of your activities.
- as an editor or publisher, provide us with a copy of the books and periodicals you edit or publish. The contents of periodicals will be listed; books will be reviewed.

And above all: JOIN US !!

ORGANIZING COMMITTEE

- Dr. J.P.C. Kleijnen, Tilburg University, The Netherlands,  
Ass. Ed. of Simuletter, published by SIGSIM
- Prof.dr. G.C. Vansteenkiste, State University of Ghent, Belgium,  
Ed. of Automatica, published by IFAC
- Dr. F. Broeckx, State University Centre of Antwerp, Belgium,  
Ed. of the Journal of Computational and Applied Mathematics
- A. van Hoof, State University Centre of Antwerp, Belgium.

ALL CORRESPONDENCE TO:

Alfons van Hoof  
State University Centre  
Middelheimlaan 1  
B-2020 ANTWERP  
Belgium

Instituutmededelingen

Rijksuniversiteit Groningen, Sociologisch Instituut, vakgroep M & T  
Oude Boteringestraat 23, Groningen

M & T Bulletins zijn hier verkrijgbaar à f. 2,- per stuk.

- M & T Bulletin nr. 23: F.N. Stokman, Tweede jaars syllabus. Schaalanalyse: het meten met behulp van een meetmodel. maart 1978.
- M & T Bulletin nr. 24: Wijbrandt H. van Schuur, Waarnemen en waarden van politieke problemen, de probleemstelling voor een empirische en methodologische analyse. april 1978.
- M & T Bulletin nr. 25: R.J. Mokken, F.N. Stokman, Traces of Power IV. The 1972 intercorporate network in the Netherlands. april 1978.
- M & T Bulletin nr. 26: Roel Popping, Measures from a two-dimensional crosstable the computerprogram crs. juli 1978.

Rotterdamse mededelingen

no 34

A.A.Dijkhuizen LISREL-PROCEDURE :Mathematisch-statistische analyse van lineaire structurele vergelijkingen modellen met latente variabelen.

