**FOURTEENTH CONFERENCE
ON THE MATHEMATICS OF
OPERATIONS RESEARCH**

**CONFERENCE CENTER 'DE BLIJE WERELT'
LUNTEREN, THE NETHERLANDS**

FEBRUARY 13-15, 1989

Organized by the
Centre for Mathematics and Computer Science,
Amsterdam, The Netherlands

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Fourteenth Conference on the Mathematics of Operations Research

February 13-15, 1989, Lunteren, The Netherlands

AIM AND SCOPE

The aim of the conference is to promote the research activities and the cooperation between researchers in the mathematics of operations research.

Eight non-Dutch specialists have been invited to give two lectures on recent developments in their field of interest. They have been asked to present a tutorial survey of their area in the first talk and discuss their own recent work in the second lecture.

Of the invited speakers H. Kaspi (Technion), M. Rubinovitch (Technion), M. Yadin (Technion) and U. Yechiali (Technion) will discuss various subjects in the area of stochastic optimization: Markov processes, geometric probability, stopping time problems. Furthermore two of the invited speakers will give lectures in the field of mathematical programming: A. Ben-Tal (Technion) about discrete optimization, M. Avriel (Technion) about nonlinear programming. M. Maschler (Hebrew University, Jerusalem) will speak about game theory subjects, M. Hofri (Technion) about queueing theory.

The program should give ample opportunity for informal discussions. The conference center is located in the scenic surroundings of Lunteren.

ORGANIZATION

The conference is organized by the Centre for Mathematics and Computer Science in Amsterdam under the auspices of the Dutch Research Community in the Mathematics of Operations Research and System Theory, with financial support by the Dutch Mathematical Society and the Dutch Society of Operations Research.

PROGRAM

Invited speakers

M. Avriel (Technion, Haifa):
1. Non-linear optimization (1)
2. Non-linear optimization (2)

A. Ben-Tal (Technion, Haifa):
1. The role of duality in optimization
2. Non-smooth optimization: analysis, methods and applications

M. Hofri (Technion, Haifa):
1. Self-organizing lists and independent references: a statistical synergy
2. Analyzing a packet switch as a non-conservative exhaustive-service polling system

H. Kaspi (Technion, Haifa):
1. Stationary regenerative systems on the real line
2. Applications of regenerative systems to Markovian storage systems

M. Maschler (Hebrew University, Jerusalem):
1. Game theory: bargaining sets and related topics
2. Game theory and bankruptcy problems

M. Rubinovitch (Technion, Haifa):
1. A model for mixing based on Poisson random measures

M. Yadin (Technion, Haifa):
1. On the hunter problems and other shadowing problems (1)
2. On the hunter problems and other shadowing problems (2)

U. Yechiali (Technion, Haifa):
1. Stopping-time problems with application to live-organ transplants
2. Stochastic sequential stopping-time problems with application to live-organ transplants

PRELIMINARY TIME SCHEDULE

Monday February 13, 1989

11.30	Opening
11.40	Avriel (1)
12.30	Lunch break
14.10	Kaspi (1)
15.00	Maschler (1)
15.50	Tea break
16.20	Ben-Tal (1)
17.10	Yadin(1)

Tuesday February 14, 1989

9.00	Rubinovitch (1)
9.50	Coffee break
10.20	Hofri (1)
11.10	Yechiali (1)
12.30	Lunch break
14.10	Yadin (2)
15.00	Kaspi (2)
15.50	Tea break
16.20	Ben-Tal (2)
17.10	Maschler (2)

Wednesday February 15, 1989

9.00	Hofri (2)
9.50	Coffee break
10.20	Avriel (2)
11.10	Yechiali (2)
12.00	Closing
12.30	Lunch break

LOCATION

Conference Center 'De Blije Werelt', Westhofflaan 2, Lunteren, The Netherlands. Telephone +31-8388-4641. Lunteren can be reached by train from Amersfoort and from railway station Ede-Wageningen. The walk from the railway station in Lunteren to 'De Blije Werelt' takes about 15 minutes. Taxi company: call 08388-2139.
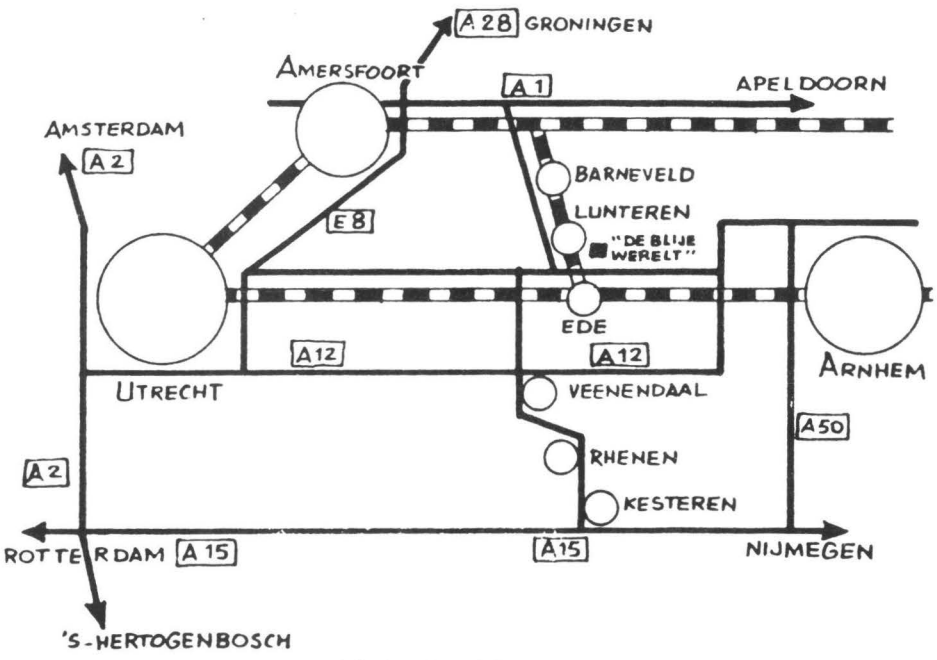
The location of Lunteren

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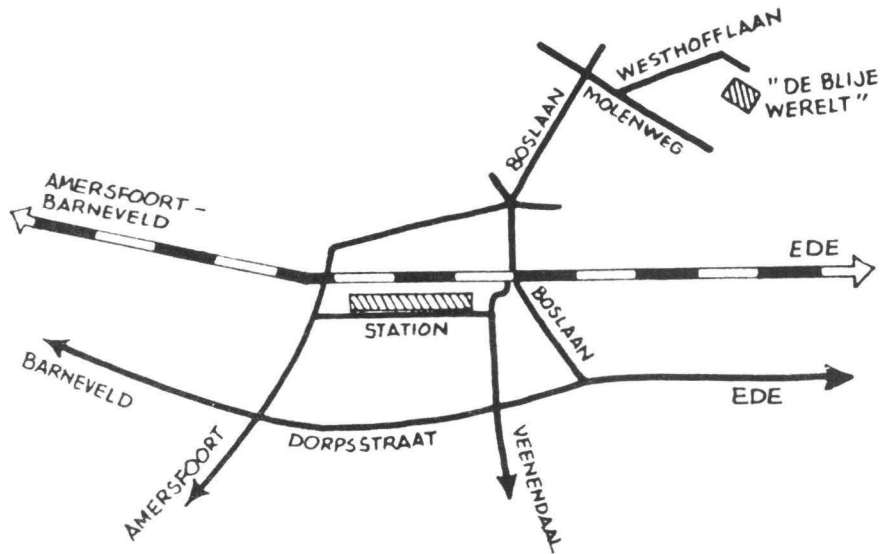
The location of 'De Blije Werelt'

REGISTRATION

The registration fee is Dfl. 290.00 for a single room. The price includes board and lodging from Monday February 13 before lunch until Wednesday February 15 after lunch.

Partial arrangements are possible but not encouraged. If a partial arrangement is desired please contact mrs. Schultze, see the address below.

One can register until January 31, 1989 by means of the application form and simultaneous remittance of the required amount of Dfl. 290.00.

INFORMATION

For further information contact:

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    Free University,
    P.O. Box 7161, 1007 MC Amsterdam,
    The Netherlands

B.J. Lageweg + 31-20-5924091

L. Schultze + 31-20-5924075
    Centre for Mathematics and Computer Science,
    P.O. Box 4079, 1009 AB Amsterdam,
    The Netherlands

APPLICATION FORM

I will attend the *Fourteenth Conference of the Mathematics of Operations Research,* to be held in 'De Blije Werelt', Lunteren, The Netherlands, February 13-15, 1989.

☐ I have transferred Dfl. 290.00 to account 462890 at the Dutch Postal Giro, The Hague, in favor of the Stichting Mathematisch Centrum, Amsterdam, mentioning 'Lunteren 1989'.

☐ I have transferred Dfl. 290.00 to account 43.60.53.705 at the AMRO-Bank, Sarphatistraat, Amsterdam, in favor of the Stichting Mathematisch Centrum, Amsterdam, mentioning 'Lunteren 1989'.

☐ I enclose a cheque of Dfl. 290.00 payable to the Stichting Mathematisch Centrum, Amsterdam, mentioning 'Lunteren 1989'.

Name:

Institute or firm:

Mailing address:

Telephone:

Date:

Signature:

The completed form should be sent, *before January, 31, 1989* to:
   Mrs. L. Schultze
   Centre for Mathematics and Computer Science
   P.O. Box 4079
   1009 AB Amsterdam
   The Netherlands