The Subdepartment Interface and Protocol and Service
System has a vacancy for a

Full Professor of Computer Science,
specialized in Interface.

His/her field will be the integration of system parts via
interface, Protocols and Services, and includes both
fundamental concepts, such as design discipline
and implementation, and application techniques, and technical
concepts, such as applicability and realizability.

Responsibilities will include:
- directing research and teaching
- supervising students and postgraduates
- lecturing in the field of study described above
- participating in the management of the department.

Criteria:
- Candidates must:
  - hold a degree in Electrical Engineering or
  Computer Science, or be otherwise qualified
  - show evidence of distinguished research qualities,
    as in a thesis and/or other publications of
    comparable scientific level
  - be demonstrably qualified in the area of
    formal design, as well as in the realization of computer
    systems
  - be capable of establishing internal and external
    contacts, eg. in relation to attracting contract
    research studies
  - show evidence of teaching effectiveness.

Chairman of the appointment committee is Prof. dr.
G.A. Blaauw, Technische Hogeschool Twente, Postbus
217, 7500 AE Enschede, Nederland. Telephone

The Subdepartment System software and hardware has a vacancy for a

Full Professor of Computer Science,
specialized in System Software.

The subdepartment is concerned with system software,
which requires knowledge of complex hardware and
the interaction of software.

Emphasis is on the methodology of the design
of integrated systems. Candidates should have
experience in this respect (preferably industrial) in the fields of
distributed operating systems, high-level system program-
ming languages, their implementation and use in
the implementation of portable systems; also they
must have insight in the infological and datalogical aspects of information
systems.

Responsibilities will include:
- designing, developing, implementing and evaluating
  research in the above-mentioned field
- preparing introductory as well as advanced classes, and
  supervising laboratory courses
- participating in the management activities within
  the department.

Criteria:
- Candidates must:
  - hold a degree in Electrical Engineering or
    Computer Science, or be otherwise qualified
  - show evidence of distinguished research qualities,
    as in a thesis and/or other publications of
    comparable scientific level
  - be demonstrably qualified in the area of
    formal design, as well as in the realization of computer
    systems
  - be capable of establishing internal and external
    contacts, eg. in relation to attracting contract
    research studies
  - show evidence of teaching ability.

Chairman of the appointment committee is Prof. dr.
G.A. Blaauw, Technische Hogeschool Twente, Postbus
217, 7500 AE Enschede, Nederland. Telephone

The Subdepartment Computer Based Information
System has a vacancy for a

Full Professor of Computer Science,
specialized in Information Systems.

The field of study is the methodology and the tech-
nology of the design, construction and realization
of hardware and software of information systems for
private enterprises and public administration.

The candidate will be chiefly employed in the area of
formal descriptions of data structures and data pro cess-
ing, with the emphasis on mathematical methods. The development
of applications is not an aim in itself, but
will be included as far as it is useful to test the
methods used.

Responsibilities will include:
- initiating, stimulating, supervising and evaluating
  research in the above-mentioned field
- preparing introductory as well as advanced classes, and
  supervising laboratory courses
- participating in the management activities within
  the department.

The following points deserve special mention:
- supervising students and postgraduates
- lecturing in the field described above
- participating in scientific activities on a national
  and international level

Criteria:
- Candidates must:
  - hold a degree in Electrical Engineering or
    Computer Science, or be otherwise qualified
  - show evidence of distinguished research qualities,
    as in a thesis and/or other publications of
    comparable scientific level
  - be demonstrably qualified in the area of
    formal design and realization of complex hardware systems
  - be capable of establishing internal and external
    contacts, eg. in relation to attracting contract research
    studies
  - show evidence of teaching ability.

Chairman of the appointment committee is Prof. dr.
A.J.W. Duijvestijn, Technische Hogeschool Twente,
Postbus 217, 7500 AE Enschede, Nederland.

Conditions applicable to all positions:
Salary, according at least to the scale of Full Professor A, which ranges from f 6.561 to f 9.283, monthly, subject to deductions (taxes, social security). Immediately on
entering upon office, the nominees will be admitted
in the pension fund. Those who consider themselves qualified for one of these positions, or those who wish to call
attention to possible candidates, are invited to direct
themselves within six weeks after the publication of this announcement to the
Dean of the Department, Prof. dr. ir. A.J.W. Duijvestijn.
Applications should be addressed to the secretary of the appointment
committee, TH Twente, postbus 217, 7500 AE Enschede, Nederland,
referring to the vacancy number.
Candidates are requested to include in their letter of application a curriculum vitae and
reprints or copies of relevant publications.