

Source : Federal Republic of Germany and France  
Date : 26/04/88

Title : **Conference for the presentation of the GSM  
system**

It has recently been decided to go-ahead with the project discussed in GSM Doc. 187/87.

The conference will be held in Hagen, FRG from the 12th to the 14th October, 1988. Some preliminary information is given in the attached paper.

# DIGITAL CELLULAR RADIO CONFERENCE

(Hagen, 12-14 October 1988)

## Organiser

FernUniversität, Hagen, in cooperation with :

Deutsche Bundespost, Bonn  
VDE, Frankfurt

France Télécom, Paris  
SEE, Paris

## Purpose

The work of the Groupe Spécial Mobile (GSM) of the CEPT has already been presented at several conferences. The technical solutions proposed and the methodology used to select the most appropriate of them have in particular been extensively discussed. These discussions were of interest to mobile communications specialists.

The time has now come to deliver a more comprehensive information on the resulting standard to a broader audience consisting of all engineers who will become involved in its implementation. The conference will actually aim at being useful, not only to engineers who will plan radio networks or design mobile equipment based on the standard, but also to those who will produce components or peripheral equipment such as antennas or test instruments, as well as to those who will design applications involving specific user groups, or the specialised data transmission services offered by the system.

## Conference programme

The conference will be opened on the 12 October at 12h00 and will be closed on the 14 October at 12h30. It is planned to include 8 sessions of 1h30. Seven of them will be dedicated to the presentation of papers invited from GSM participants on such topics as : system overview, services and user access, radio transmission aspects, network aspects, equipment specifications and applications. One session will consist of a panel discussion on more general issues.

Those who are interested in receiving the detailed programme as well as registration forms are invited to complete and return to one of the contact addresses the attached form included below.

## Languages

The official languages of the conference will be French and German. The working language will be English. An English version of all papers will be available. Working sessions will be conducted in English without interpretation.

**Location**

The conference will be held in the Stadthalle of Hagen, Westphalia, a building which was inaugurated in 1981 and is equipped with all the facilities required for congresses of up to 1 000 participants. Hagen is a city of approx. 200 000 inhabitants. It can be reached in about 1 hour by train from Düsseldorf airport.

**Contact addresses**

FernUniversität  
Nachrichtentechnik  
Eberfelder Str. 95  
D-5800 HAGEN  
Federal Republic of Germany

Société des Electriciens et  
Electroniciens  
48 rue de la Procession  
75724 PARIS Cedex 15  
France

**Enquiries**

Prof. Dr.Ing. L. Kittel  
FernUniversität  
Nachrichtentechnik  
Eberfelder Str. 95  
D-5800 HAGEN  
Federal Republic of Germany

tel. : + 49 23 31 804 81 70  
fax : + 49 23 31 68 88 96  
telex : 82 31 37 feuni d

---

**DIGITAL CELLULAR RADIO CONFERENCE**

(Hagen, 12-14 October 1988)

I may wish to attend the conference. Please send programme details and registration forms as soon as they are available.

Name : .....

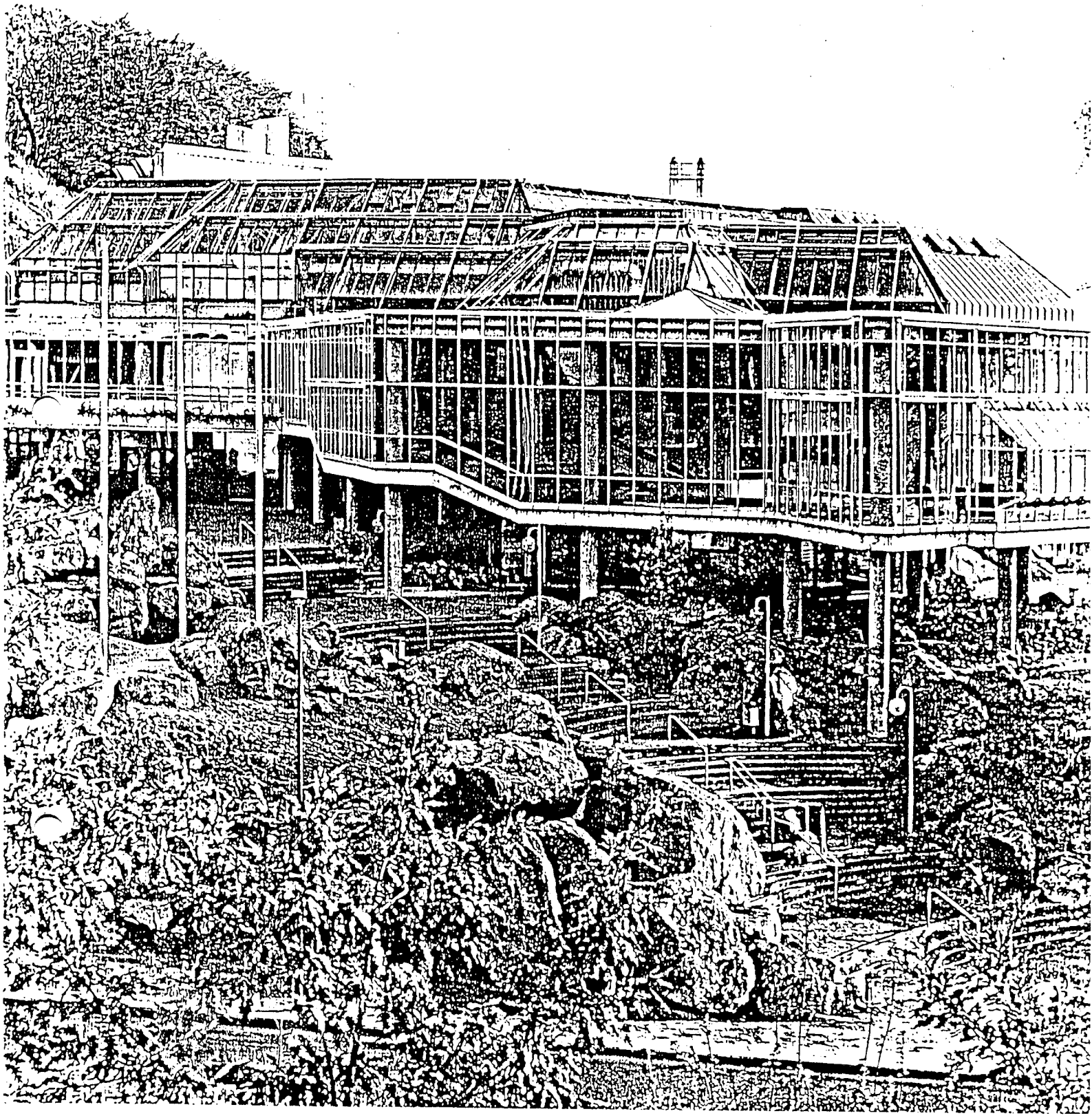
Address : .....

.....

Country : .....

Telephone : ..... Fax : .....

---



Stadthalle, Hagen

DIGITAL CELLULAR RADIO CONFERENCE

(Hagen FRG, 12-14 October 1988)

TENTATIVE PROGRAMME

(to be confirmed)

**Wednesday 12 th October**

- 10h00 - 12h00 Registration
- 12h00 - 12h45 **Opening session**  
speakers: Mayor of Hagen, Fernuniversität, EEC (Mr. Carpentier)
- 12h45 - 14h45 Drinks und sandwiches
- 14h00 - 15h30 **Session 1 - General Aspects of the GSM-System**  
chairman: Mr. Thomas Haug (chairman GSM)  
speakers: - System Overview (Mr. Mallinder PN)  
- Services Overview (Mr. Barnes, Cellnet UK and Mrs. Alvernhe, F)  
- Data Services and User Acces (Mr. Hillebrand, D)
- 15h30 - 16h00 Coffee
- 16h00 - 17h30 **Session 2 - Speech Codec**  
chairman: Mr. Natvig (N)  
speakers: - GSM Speech coding algorithm (Mr. Vary, PKI-D)  
- Other audio aspects (Mr. Stein Hansen PN)  
- General transmission aspects (Mr. T.Wright, CEPT/UK)

**Thursday 13th October**

- 09h00 - 10h30 **Session 3 - Radio subsystem**  
chairman: Mr. Maloberti (F)  
speakers: - Overview of the radio subsystem (Mr. Ochsner PN)  
- Modulation, coding, and performance (Mr. Langewellpot AEG, D)  
- Handover Possibilities (Mr. Targett, UK and Mr. Rast, D)
- 10h30 - 11h00 Coffee
- 11h00 - 12h30 **Session 4 - Network**  
chairman: Mr. Jan Audestad (N)

- speakers: - Network architecture (Mr. Eymard, SIP-It)  
 - Air interface protocols (Mr. Fuhrmann - D)  
 - Security/SIM (Mr. Hoefsloot - NL)

14h30 - 16h00 **Session 5 - Network**.....

chairman: Mr. S. Temple (UK).....

- speakers: - BSS-MSC Interface A (Mr. Knight Cellnet - UK)  
 - BTS-BSC Interface A-bis (Mr. Rosenlund - S)  
 - International roaming and interworking with PSTN (Mr. Vernhes - F)

16h00 - 16h30 Coffee

16h30 - 18h00 **Panel discussion** - .....

moderator: chief reporter Financial Times.....

participants: Administrations/Industry/University Hagen/EEC  
 D, F, I, UK, S, PN

There will be proposals for 3-4 topics to be dealt with each by approx. 3 speakers.

**Friday 14th October**

09h00 - 10h30 **Session 6 - System Implementation**.....

moderator: Mr. Failli (I).....

- speakers: - Options for the implementation of network infrastructure (Mazziotto - F)  
 - Mobile station hardware (Mr. Hagedorn - PN)  
 - Test equipment and simulators (Mr. Käll - PN)

10h30 - 11h00 Coffee

11h00 - 12h30 **Session 7 - Operational and Commercial aspects**.....

chairman: Mr. Ghillebaert (F).....

- speakers: - Billing and accounting procedures (Mr. Maxwell Vf-UK)  
 - Innovative application of the GSM-System, particular ref data (.....)  
 - The concept for O+M (Mr. Haarpaintner - PN)

12h30 - 14h00 Drinks and buffet