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2. International Seminar on Statistical Communication Theory and its Applications - SNT-80

From 12 to 16 April 1980 the Second International Seminar on Statistical Communication Theory and its Applications took place in Schnett (near Ilmenau), GDR. It was organized by the Zentralinstitut für Kybernetik und Informationsprozesse of the Academy of Sciences of the German Democratic Republik and by the Sektion Informationstechnik und theoretische Elektrotechnik of the Technische Hochschule Ilmenau.

To more than 80 participants from Bulgaria, Czechoslovakia, GDR, Hungary, Poland and Soviet Union were presented by scientists of these countries about 30 papers of a survey character or of original methodological content on the main directions of development of the statistical communication theory and the use of statistical methods in the construction of perspective communication means.

The 1. International Seminar on Statistical Communication Theory and its Applications was organized from September 26 to October 1, 1977 in Pushtshino near Moscow by the Ministery for Communication Technics of the USSR, by the Moscow Electrotechnical Institute for Communication Technics and by the Scientific and Technical Society for Radiotechnics, Electronics and Communication (Popov-Society) of the USSR.

In accordance with this 1. Seminar, the 2. Seminar SNT - 80 concerned the following topics:

1. General problems of information processing — information theory
2. Analysis of stochastic systems
3. Communication and computer networks
3a. General problems of Packet communication networks
3b. Systems with many users
4. Coding and Signalsynthesis
5. Synthesis of stochastic systems (signal reception and processing).

The Transactions of the 1. Seminar appeared in 1979 in Moscow in the form of a monography entitled: Statistical theory of Communications and its Practical Applications (in Russian; B. R. Levin, ed.).

The Transactions of the 2. Seminar will appear in 1980 as a publication of the Academy of Sciences of the GDR (V. Kempe, ed.). The Czechoslovak five-member delegation at SNT-80 contributed by five original papers which will appear in this publication.

In this place we wish to express our thanks to the organizers of the SNT-80, namely to Prof. V. Kempe and Dr. N. Ahlbehrendt (ZKI der AdW der DDR) and to Prof. W. Kemnitz (TH Ilmenau) for the excellent organization of the 2. Seminar.

The 3. Seminar will be organized in 1983 in Poland.

Albert Perez