Jacob Ziv was born in Tiberias, Israel, on November 27, 1931. He received the B.Sc., Dip. Eng., and M.Sc. degrees, all in Electrical Engineering, from the Technion—Israel Institute of Technology, Haifa, Israel, in 1954, 1955 and 1957, respectively, and the Sc.D. degree from the Massachusetts Institute of Technology, Cambridge, MA, in 1962.

From 1955 to 1959, he was a Senior Research Engineer at the Scientific Department, Israel Ministry of Defense, where he engaged in research and development of communication systems. From 1961 to 1962, while studying for his doctorate at M.I.T., he joined the Applied Science Division of Melpar, Inc., Watertown, MA, where he was a Senior Research Engineer doing research in communication theory. In 1962 he returned to the Scientific Department, Israel Ministry of Defense, as Head of the Communications Division and also served as an Adjunct of the Faculty of Electrical Engineering, Technion—Israel Institute of Technology. From 1968 to 1970 he was a Member of the Technical Staff of Bell Laboratories, Inc., Murray Hill. He joined the Technion full time in 1970 where he is now the Herman Gross Professor of Electrical Engineering and a Technion Distinguished Professor.

He was Dean of the Faculty of Electrical Engineering from 1974 to 1976 and Vice President for Academic Affairs from 1978 to 1982.

From 1977 to 1978, 1983 to 1984, and 1991 to 1992 he was on Sabbatical leave at the Information Research Department, Bell Laboratories, Murray Hill, NJ.

He was the Chairman of the Israeli Universities Planning and Grants Committee from 1985 to 1991. (The Planning and Grant Committee is the interphase between The Government of Israel and the Universities; it prepares the budget, presents it to the government and allocates it to the Universities; it is in charge of development and means and practices in the Universities.)

He is a Member of the Israel National Academy of Sciences and Humanities and has served as its President from 1996 till 2005.

His research interests include data-compression, information theory and statistical communication.
**TUESDAY, MARCH 8**

8:00-9:00  Conference registration and continental breakfast

9:00-12:00  Technical Session I: The Viterbi Algorithm
    **Session Chair:**  G. David Forney, Bernard M. Gordon Adjunct Professor, MIT

12:00-1:30  Lunch

1:30-5:00  Technical Session II: Space Communications
    **Session Chair:**  William C. Lindsey, Professor, Electrical Engineering, USC

5:00-6:00  Reception

6:00-7:00  Andrew J. Viterbi Lecture in Communication
    Jacob Ziv
    What is Hidden in an Individual Sequence? Universal Data-Compression Revisited

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**WEDNESDAY, MARCH 9**

8:00-9:00  Continental breakfast

9:00-12:00  Technical Session III: Code division Multiple Access (CDMA)
    **Session Chair:**  Roberto Padovani, CTO, Qualcomm, Inc.

12:00-1:30  Lunch

1:30-2:00  Andrew J. Viterbi, USC Presidential Chair Professor of Electrical Engineering
    Reminiscences and Closing Remarks

2:30-4:00  Communication Sciences Institute Research Overview and Student Poster Session

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**General Information**

**REGISTRATION**

Pre-registration is required for the conference. Please complete and return the registration form, including conference fee, by February 25th for the early registration cost of $175. After the 25th the cost is $250 per person.

**2005 VITERBI CONFERENCE**
USC Viterbi School of Engineering
Olin Hall 300
Los Angeles, CA 90089-1454
Phone: 213.740.2502   Fax: 213.748.6980

**HOTEL ACCOMMODATIONS**  $110-$195/night (rates subject to 14% tax)

A limited number of rooms with discounted rates have been set aside at the following hotels:

- **LA Athletic Club**
  800.421.8777
  When calling the LA Athletic Club please reference 2005 Viterbi Conference.

- **Radisson Hotel Midtown Los Angeles**
  213.748.4141
  When calling the Radisson please reference USC Engineering, Group number 5265.

**MEALS**

Breakfast and lunch for both days are included in the conference fee

**CAMPUS MAPS**

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**PARKING**  Price is included in conference fee

Parking Structure D (Jefferson East Parking Plaza) directly across from Davidson Conference Center is recommended and is accessible by Entrance 4 (off of Jefferson Boulevard). Plan to arrive early as space is limited.

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For more information and complete technical agenda please go to http://viterbi.usc.edu/viterbiconference

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**Registration**

**EARLY REGISTRATION DEADLINE IS**  FEBRUARY 25th  FEE: $175 per person

**REGISTRATION DEADLINE IS**  MARCH 4th  CONFERENCE FEE: $250 per person

**Name**

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**Home Phone**  Home Email

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**Guest Name(s)**

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**2005 VITERBI CONFERENCE**

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