2008 **BBVA** Foundation
Frontiers of Knowledge Awards

AWARD DECISION

INFORMATION AND COMMUNICATION TECHNOLOGIES CATEGORY

Madrid, January 28, 2009.

The jury of the **2008 BBVA Foundation Frontiers of Knowledge Awards** in the **Information and Communication Technologies** category, formed by:

CHAIR OF THE JURY

Prof. Andrea GOLDSMITH	Department of Electrical Engineering Stanford University USA

MEMBERS

Dr. Ronald HO	VLSI Research Project Sun Microsystems Laboratories USA
Prof. Oussama KHATIB	Artificial Intelligence Laboratory Dept. of Computer Science Stanford University USA
Prof. Ramón LÓPEZ DE MÁNTARAS	Artificial Intelligence Research Institute Spanish Council for Scientific Research (CSIC) Spain
Prof. Nico DE ROOIJ	Actuators and Microsystems Laboratory University of Neuchâtel Switzerland

SECRETARY

Prof. Sergio VERDÚ	Department of Electrical Engineering Princeton University USA

Meeting together on January 28, 2009 in the offices of the BBVA Foundation in Madrid, Spain in order to deliberate and decide, have resolved to grant the award envisaged in point 7 of the call conditions to the following candidate:

2008 BBVA Foundation Frontiers of Knowledge Award in the Information and Communication Technologies category:

Award-winning nomination:

Jacob Ziv, *Technion Distinguished Professor Emeritus of the Technion--Israel Institute of Technology, past President of the National Academy of Science and the Humanities of Israel.*

Reasons for award:

The BBVA Foundation has awarded the 2008 Frontiers of Knowledge Award in Information and Communication Technologies to Professor Jacob Ziv. Jacob Ziv's ground-breaking innovations in data compression have had a deep and lasting impact on both the theory and practice of communications and information technology. Ubiquitous in everyday life, Ziv's contributions enable efficient storage and transmission of text, data, images, and video. Computer memories, modems, software distribution, and file compression techniques all rely on Ziv's ideas and inventions. His seminal contributions to information theory have inspired generations of researchers and practitioners alike.

This award recognizes the fundamental role of his work in creating technologies that widely and deeply impact the information age.

And in witness whereof sign the present document in the place and on the date first above written.

CHAIR OF THE JURY
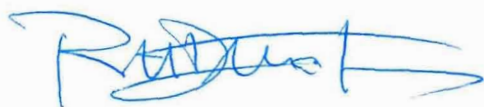
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SECRETARY

Prof. Sergio VERDÚ