Distinguished Russian theorist
Mikhail Vasilievich Terentyev died in
Moscow on 26 September. After
graduating from Moscow's Institute of
Physics and Engineering in 1959, he
joined the Theoretical Department of
the Institute for Theoretical and
Experimental Physics, where he
worked for the rest of his life. One of
the most talented students of
V.B.Berestetskii, Misha Terentyev
made many important contributions
to particle theory. In 1963 he found a
non-renormalization theorem for a
weak vector isovector current. (A
year later an analogous theorem for
a changing strangeness vector
current was discovered by Ademollo
and Gatto.) In 1965 (in collaboration
with V.S. Vanyashin) he was the first
to find that vector bosons give a
"wrong sign" contribution to the
renormalization of the electromagnetic
charge, a phenomenon later
understood as "asymptotic freedom"
of non-abelian fields. For many years
he was the Editor of "Yadernaya
Fisika". In the last year of his life,
while suffering from leukemia, he
started to teach at Moscow Institute
of Physics and Engineering and
started to prepare a major course of
lectures on elementary particle
theory. M.V.Terentyev was a very
generous and kindhearted man - the
conscience of ITEP's Theoretical
Department. He lives in the hearts of
all those who worked with him, and
who respected and admired him.