

Leszek Łukaszuk 1938–2007

CERN Courier November 2007

The Polish theoretician Leszek Łukaszuk died aged 69 on 12 July 2007.

Leszek was a bright young theoretical physicist from the Institute of Nuclear Physics in Hoza Street in Warsaw when he came to CERN in 1964 and worked with me. Together, we found, among other things, the constant in front of the Froissart bound, π/m_π^2 . He later envisaged,

with Basarab Nicolescu, the possibility of a dissymmetry between particle and antiparticle scattering, the so-called “odderon”. Though this possibility seems rather far-fetched, it has never been ruled out from first principles and the Russian theoretician LN Lipatov has given arguments in favour of its existence.

Leszek was an active and courageous

member of Solidarity, and, for that reason, he was exiled to Szczecin. When Solidarity triumphed, he left politics because he was disgusted by the way people were taking advantage of their being members (some very new) of the movement.

Leszek will be remembered as an excellent physicist and a very fine friend.

André Martin, CERN.