

### 4.3. SEMINARS

<b>Date</b>	<b>Authors</b>	<b>Title</b>
23.01.92	<b>V.O.Nesterenko</b> (BLTP JINR)	<i>Metal clusters as a new field for application of ideas and methods of nuclear physics</i>
26.03.92	<b>Prof. C.R.Gould</b> (TUNL and NSCU, USA)	<i>Tests of Time Reversal Invariance with Polarized Neutrons and Oriented Targets</i>
23.04.92	<b>G.N.Zorin, E.D.Vorobiov</b> (FLNR JINR)	<i>Chain reaction of nuclear synthesis</i>
14.05.92	<b>A.Bland</b> (Cambridge Univ., England)	<i>Spin Polarized Neutron Reflection Studies of Magnetic Ultra-Thin Film Structures</i>
21.05.92	<b>A.D.Yesyutin</b> (Committee for foreign trade relations of Russia)	<i>Goals and problems of marketing in conditions of transition of scientific institutions to the market</i>
9.06.92	<b>Prof. H.R.Wenk</b> (Univ. of Calif., Berkeley, USA)	<i>Some Geological Applications of Texture Analysis</i>
25.06.92	<b>Yu.N.Alexakhin, A.Yu.Molodozhontsev</b> (LSHE JINR), <b>V.L.Lomidze</b> (FLNP JINR)	<i>Strong current accelerator-recirculator RIU-100 as injector of electrons for general-purpose multiplying target</i>
13.08.92	<b>B.Dorner</b> (ILL, France)	<i>Inelastic Neutron Scattering in Lattice Dynamics</i>
10.09.92	<b>F.Filliaux</b> (Laboratoire de Spectrochimie Infrarouge et Raman, CNRS, France)	<i>Inelastic Neutron Scattering Studies of the Quantum Sine-Gordon Breather in 4-Methyl-Pyridine</i>

17.12.92	<b>V.K.Ignatovich</b> (FLNP JINR)	<i>Issues of quantum mechanics (conference in Trani, Italy)</i>
24.12.92	<b>B.N.Zakhariev</b> (BLTP JINR)	<i>1. Exotics of the motion of waves along grids of channels. 2. Discrete and continuous quantum mechanics</i>
14.01.93	<b>P.Hiismaki</b> (VTT, Espoo, Finland)	<i>How to Implement the RTOF Method for Inelastic Scattering Studies on Single Crystals</i>
4.02.1993	<b>Yu.A.Bykovsky, A.S.Tsybin</b> (MIPE, Moscow)	<i>Laser neutron generator</i>
11.02.93	<b>A.I.Frank</b> (FLNP JINR), <b>V.G.Nosov</b> (RNC KI, Moscow)	<i>Quantum effects in the case of fast modulation of the neutron wave</i>
25.02.93	<b>S.Frankle</b> (LANL, Los Alamos, USA)	<i>LANSC-2: Project of 1 MW Pulsed Spallation Neutron Source</i>
4.03.93	<b>B.V.Deryagin, A.G.Lipson,</b> <b>B.F.Lyakhov</b> (RAS Institute of Physical Chemistry, Moscow)	<i>Observation of the yield of products of nuclear D-D-synthesis (neutrons and tritium) from deuterium-containing ferroelectrics in transition through the Curie point</i>
20.05.93	<b>Ye.P.Shabalin</b> (FLNP JINR)	<i>Investigation of the behavior of solid methane (20-60 K) irradiated at the IBR-2 reactor (URAM experiments)</i>
21.09.93	<b>T.M.Holden</b> (Chalk River, Ontario, Canada)	<i>Industrial Application of Neutron Diffraction</i>