

Zimányi School 2011

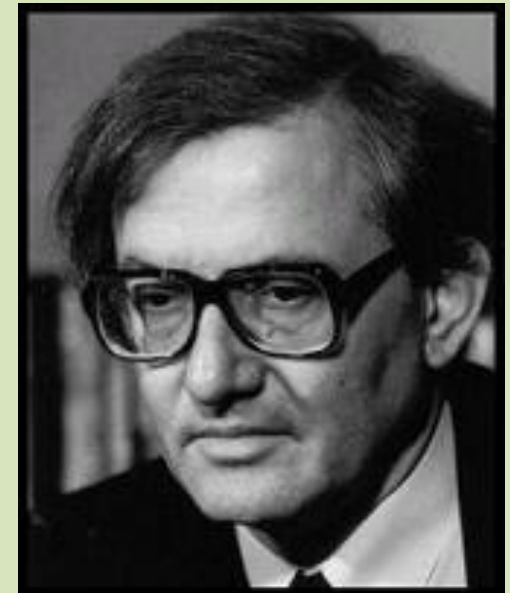


Gy. Vásárhelyi (V. Vasarely): Fény

11. Zimányi

**WINTER SCHOOL ON
HEAVY ION PHYSICS**

**Nov. 28. - Dec. 2.,
Budapest, Hungary**



József Zimányi (1931 - 2006)

56 participants

27 students

51 talks

16 institutions

10 cities

Bogolyubov Institute for Theoretical Physics

Budapest University of Technology

CERN

Eötvös University

Goethe Universität

Károly Róbert College

KEK

MTA KFKI AEKI

MTA KFKI RMKI

Sophia University

University of Bergen

University of Cape Town

University of Tokyo

Warsaw University of Technology

Yonsei University

Zrínyi Miklós National Defense University

Bergen

Budapest

Cape Town

Frankfurt am Main

Gyöngyös

Kiev

Seoul

Tokyo

Tsukuba

Warsaw

Monday, 28 November 2011	Tuesday, 29 November 2011	Wednesday, 30 November 2011	Thursday, 1 December 2011	Friday, 2 December 2011
08:40 Opening - results from CMS	09:00 The QCD medium created in HIC	09:00 Hydrodynamics (0.100A)	09:00 Mesons	09:00 Thermal concepts
08:40 Opening - <i>M. Usonad (Eotvos U.)</i>	09:00 Recent lattice results on the QCD phase diagram - <i>Sándor Katz (Eötvös U.)</i>	09:00 Welcome at the Eotvos U. - <i>Zsolt Frel (Eötvös U.)</i>	09:00 Measurements of meson mass at J-PARC - <i>Kyoichiro Ozawa (U. of Tokyo)</i>	09:00 The thermal model at the LHC - <i>Jean Cleymans (U. of Cape Town)</i>
08:45 Welcome at the RMKI - <i>Zoltan Szókefalvi-Nagy (RMKI)</i>	09:45 Medium effects are all hadrons alike? - <i>Su Houng Lee (Yonsei U.)</i>	09:05 On the phase diagram in T-mu-Nc - <i>Stefano Lotini (Institut für Theoretische Physik)</i>	09:45 Mesons in a chirality symmetric model - <i>György Wolf (RMKI)</i>	09:45 Why do thermal models work? Are there alternatives? - <i>Tamas Biro (RMKI)</i>
08:50 Review of QCD results from CMS - <i>Ferenc Sikler (RMKI)</i>	10:30 --- Coffee break ---	09:35 A relativistic hydro model compared to LHC data - <i>Sándor Lökös (Eötvös U.)</i>	10:30 --- Coffee break ---	10:30 --- Coffee break ---
09:35 Overview of the Heavy Ion results from the CMS Experiment - <i>Anna Zsigmond (RMKI)</i>	10:50 Results from LHC and RHIC	09:55 Time evolution of QGP via photon observables - <i>Imre Májor (Eötvös U.)</i>	10:50 Mass modifications and effective models	10:50 Mass modifications and effective models
10:10 --- Coffee break ---	10:50 Status of the ATLAS experiment - <i>Tamás Csörgő (RMKI)</i>	10:20 --- Coffee break ---	10:50 A method of eta' rejection in high-energy Au+Au and p+p collisions - <i>Mónika Kőfarágó (Eötvös U.)</i>	10:50 Exotic Hadrons in Heavy Ion Collisions - <i>Sungtae Cho (Yonsei U.)</i>
10:30 Femtoscopy at ALICE and STAR	11:20 Status of the PHENIX experiment at RHIC - <i>Robert Verstei (RMKI)</i>	10:35 Hydrodynamics (0.100A)	11:20 Detailing the indirect observation of the in-medium eta' mass drop at RHIC - <i>Janos Sziklai (RMKI)</i>	11:35 Nonlocal effective models - <i>Antal Jakovac (BUTE)</i>
10:30 Femtoscopy of pp collisions at the LHC with the ALICE experiment - <i>Lukasz Kamli Graczykowski (Warsaw U. of Technology)</i>	12:00 Mass reduction of the eta prime meson in hot QCD matter - <i>Marton Vargyas (Eötvös U.)</i>	10:35 Complete second order fluid dynamics from the Boltzmann equation - <i>Etele Molnár (RMKI)</i>	12:00 Simulation of Pair Production in Extreme Fields - <i>Daniel Berenyi (RMKI)</i>	12:05 Resummations in the Bloch-Nordsieck model - <i>Péter Mat (BUTE)</i>
10:55 DEtaDPH angular correlations in pp collisions at LHC/ALICE - <i>Malgorzata Anna Janik (WUT)</i>	12:25 --- Lunch break ---	11:05 Space-time structure of the hadronic fireball - <i>Dmitry Anichnikov (BITP)</i>	12:20 --- Lunch break ---	12:30 Closing session
11:20 J/psi polarization in p+p collisions at sqrt(s)=200GeV at STAR - <i>Barbara Trzeciak (WUT)</i>	14:00 Results from ALICE and detector development	11:30 Recent developments in relativistic hydrodynamics - <i>Marton Nagy (Eötvös U.)</i>	14:00 Flow and hydrodynamics	12:30 Introduction of the Academia Europaea - <i>Laszlo Csernai (Bergen U.)</i>
11:45 Recent femtoscopy results from Beam Energy Scan program at STAR - <i>Piotr Krystian Ostrowski (Warsaw U. of Technology)</i>	14:00 Status of the ALICE Experiment and recent theoretical results - <i>Peter Levai (RMKI)</i>	12:05 --- Lunch break ---	14:00 Self-similar solution of the three dimensional Navier-Stokes Equation - <i>Imre Ferenc Barna (MTA KFKI AEK)</i>	12:55 Closing - <i>Mate Usonad (Eotvos U.)</i>
12:10 --- Lunch break ---	14:45 Experimental study of Quark and Gluon jets in pp collisions at LHC energies - <i>Sonia Pochynova (RMKI)</i>	14:00 Hydrodynamics (2.54)	14:30 Different initial states and the collective flow - <i>Laszlo Csernai (U. Bergen)</i>	
14:00 Fragmentation and other models	15:15 Gaseous Beam Position Detectors, with Low Cost and Low Material Budget - <i>Gyula Bencedi (RMKI)</i>	14:00 Recent development of hydrodynamic simulations in relativistic heavy ion collisions - <i>Tetsutomi Hirano (Sophia U.)</i>	15:15 Special session on the topic of the 2011 Nobel Prize in Physics	
14:00 Tsallis-Pareto-like fragm. functions based on e+ e- annihilations - <i>Gergely Kálmár (RMKI)</i>	15:45 High pT Trigger Detector Upgrade for ALICE - <i>Gergo Hamar (RMKI)</i>	15:00 Playing with particles: Quark Matter, Cosmic Shower, Let's Detect! - <i>Judit Csörgő (Eötvös U.)</i>	15:15 The 2011 Nobel-prize in physics and its Hungarian connections - <i>Istvári Horváth (ZMNE)</i>	
14:30 Non-extensive Statistics in Parton Fragmentation - <i>Károly Ürmösy (RMKI)</i>	16:15 --- Coffee break ---		16:00 --- Coffee break ---	
15:00 Entropy Production and Particle Yields in Heavy Ion Collisions at LHC - <i>Béla Lukács (RMKI)</i>	16:30 Detector development		16:20 Results from TOTEM	
15:30 --- Coffee break ---	16:30 Introduction to TPCUs - <i>Levente Kovacs</i>		16:20 Status of the TOTEM experiment - <i>Tamás Csörgő (RMKI)</i>	
15:50 Results from LHC and NA61/SPS	16:50 TPCD, a New Gaseous Photon Detector - <i>Miklós Máttyás (Eötvös U.)</i>		17:05 Detailed analysis of high energy proton-proton dSigma/dt including TOTEM results - <i>Frigyes Nemes (RMKI)</i>	
15:50 Status of the LHCb, LHCf, MoEDAL experiments - <i>Tamás Csörgő (RMKI)</i>	17:15 Muon Tomography Experiments in Natural Caves - <i>Laszlo Olah (CERN)</i>		17:30 Correlations in double parton distributions at small x - <i>Andras Ster (RMKI)</i>	
16:35 Status and plans of the Ion program of NA61 at the CERN SPS - <i>Zoltan Fodor (RMKI)</i>	17:40 Data Acquisition System for Portable Particle Detector - <i>Gergely Hunor Melegh (BUTE)</i>			
17:20 Low Momentum Particle Detector at NA61/SHINE Experiment - <i>Krisztina Marton (Eötvös U.)</i>	19:00 --- Conference banquet ---			