

Third International Conference on  
**PERSPECTIVES IN HADRONIC PHYSICS**

7 – 11 May 2001

Miramare–Trieste, Italy

**VENUE: ICTP, [Main Building](#), Main Lecture Hall**

**Preliminary Programme (as of 7 May 2001)**

**MONDAY, 7 MAY**

8.30– 9.20 **Registration, Main Building Lobby**

9.20– 9.30 **Opening**

Chairman: J.W. NEGELE (MIT)

9.30–10.05 W. WEISE (Munich): Hadrons in the nuclear medium

10.05–10.40 J. WAMBACH (Darmstadt): Meson properties in dense hadronic matter

10.40–11.00 coffee break

Chairman: W. WEISE(Munich)

11.00–11.35 J.W. NEGELE (MIT): Understanding Hadron Structure Using Lattice QCD

11.35–12.10 T. WALCHER (Mainz): Experimental tests of Chiral Dynamics at MAMI

12.10–12.45 U. Van KOLCK (Arizona): Recent developments in effective theories

12.45–14.30 lunch

Chairman: D. RYCKBOSCH (Gent)

14.30–15.05 P. GRABMAYR (Tuebingen): NN correlations in nuclei

15.05–15.40 L.P. KAPTARI (Perugia): Initial state correlations and final state interactions in inclusive and semi-inclusive processes

15.40–16.00 tea break

Chairman: P. GRABMAYR (Tuebingen)

16.00–16.35 F.D. PACATI (Pavia): Polarization in electromagnetic two-nucleon emission

16.35–17.10 J.D. RYCKEBUSCH (Gent): The  $A(e, e' p)$  reaction at GeV energies

**18.00 Get together, Main Building Cafeteria**

**TUESDAY, 8 MAY**

Chairman: M. BRAUN (St. Petersburg)

9.00– 9.35 L. McLERRAN (BNL): Color Glass Condensate and Hadrons at Small  $x$

9.35–10.10 D. TRELEANI (Trieste): Transverse Spectrum of Minijets in Hadron–Nucleus Collisions at LHC Energies

10.10–10.45 M. KARLINER (Tel Aviv): Meson electroproduction and the HERMES effect

10.45–11.05 coffee break

Chairman: K. DE JAGER (TJLab)

11.05– 11.40 D.E. KHARZEEV (BNL): Theory of heavy ion collisions

11.40–12.15 P. GIUBELLINO (Torino): SPS Experiments with the lead beam

12.15–12.50 G. PAIC (CERN): Heavy ion physics at LHC

12.50–14.30 lunch

Contributions A

Chairman: V. BURKERT(TJLab)

14.30–14.50 M. JONES (TJLab): New results on the electric form factor of the proton

14.50–15.10 R. DE VITA (Genova): Measurements of spin asymmetries in  $\pi$ -plus electroproduction at TJlab

15.10–15.30 V. KANAVETS (ITEP): The measurements of the polarization observable at ITEP accelerator and baryon resonances near 1.9 GeV/c

15.30–15.50 tea break

Chairman: L. McLERRAN(BNL)

15.50–16.10 J. VISSER (NIKHEF): DIS on nuclear targets at HERMES

16.10–16.30 G.I. LYKASOV (Dubna): Nuclear structure functions and off-shell corrections

16.30–16.50 M. RADICI (Pavia): T-odd fragmentation functions

Contributions B (Lecture Room C, terrace level, Main Building)

Chairman: t.b.a.

## programme2

14.30–14.50 E. PACE (Roma): Hadron form factors within the front–form Hamiltonian dynamics with a Poincare' covariant current operator  
14.50–15.10 E. TOMASI–GUSTAFSSON (CEA): Nucleon form factors in space and time–like regions  
15.10–15.30 V. KARMANOV (Moscow): On the calculation of the neutron charge radius

15.30–15.50 tea break

Chairman: C. SCHAERF(Roma)

15.50–16.10 M. HEDAYATIPOUR (Teheran): Effect of finite range calculations in photoproduction of eta meson from complex nuclei  
16.10–16.30 N. SCHEVCHENKO (Dubna): Eta photoproduction off three body nuclei  
16.30–16.50 M. POST (Giessen) Self–consistent calculation of the rho spectral function in nuclear matter.

16.50–18.10 Poster session

**20.30 CONCERT (Kastler Room, Adriatico Guest House)**

## WEDNESDAY 9 MAY

Chairman: R.E. Van de VYVER (Gent)

9.00–9.35 M. DIEHL (SLAC/DESY): Generalized parton distributions I  
9.35–10.10 A. SCHAEFER (Regensburg): Generalized parton distributions II  
10.10–10.45 J.–M. LAGET (Saclay): Vector meson production

10.45–11.05 coffee break

Chairman: D.E. KHARZEEV (BNL)

11.05–11.40 R.E. Van de VYVER (Gent): VCS in Hall A at TJLab  
11.40–12.15 M. GUIDAL (Orsay): Generalized parton distributions (experiment)  
12.15–12.50 N. NIKOLAEV (Juelich): Unifying aspects of polarization of vector mesons from hard production in DIS and at Tevatron

12.50–14.30 lunch

Chairman: A. SCHAEFER (Regensburg)

14.30–15.05 C. SCHAERF (Roma): Meson photoproduction at GRAALB.  
15.05–15.40 B. POVH (Heidelberg): Hadron scattering & Bremsstrahlung Gluons  
15.40–16.15 D.O. RISKA (Helsinki): Aspects of quark gluon dynamics

16.15–16.35 tea break

## programme2

Chairman: W. PLESSAS (Graz)

16.35–17.10 D.S. HWANG (Sejong/SLAC): Light cone representation of spin and orbital momentum of composite systems

17.10–17.45 G.A. MILLER (Seattle): Light cone description of nuclei

Chairman: B. POVH (Heidelberg)

18.30–19.30 Guest Lecture

J. S. LEVINGER(Troy): Fifty years of the quasi–deuteron model

## THURSDAY, 10 MAY

Chairman: J. WAMBACH (Darmstadt)

9.00– 9.35 V. BURKERT (TJLab): Spin physics in the resonance region

9.35–10.10 M. RIPANI (Genova):  $N^*$  physics with CLAS

10.10–10.45 W. MELNITCHOUK (Adelaide/JLab): Bloom–Gilman duality

10.45–11.05 coffee break

Chairman: J.–M. LAGET (Saclay)

11.05–11.40 V. MUCCIFORA (Frascati): Physics at HERMES

11.40–12.15 J.A. DUNNE (TJLab): L/T ratio in DIS on nuclei

12.15–12.50 A. GAL (Jerusalem): Low–energy antiproton annihilation on nuclei and antiprotonic atoms

12.50–14.30 lunch

## CONTRIBUTIONS A

Chairman: D.O. RISKA (Helsinki)

14.30–14.50 E. SANTOPINTO (Genova): The hyperspherical constituent quark model

14.50–15.10 W. PLESSAS (Graz): Baryon properties in a chiral quark model with Goldstone–boson exchange

15.10–15.30 Fl. STANCU (Liege–ECT\*): Nucleon–nucleon interaction in a Chiral quark model

15.30–15.50 H. J. PIRNER (Heidelberg): Nonintegrated Gluon Density in the Proton and Nuclei

15.50–16.10 tea break

Chairman: M. DIEHL (SLAC/DESY)

## programme2

16.10–16.30 M. BRAUN (St. Petersburg): The Structure function of heavy heavy nuclei at small  $x$  within pQCD

16.30–16.50 J. LEHR (Giessen): Photon and electron induced reactions on nuclei in a transport theoretical model

16.50–17.10 H. MORITA (Sapporo): Finite formation time in semi inclusive and exclusive electrodisintegration of few–body nuclei

Contributions B (Lecture Room C, terrace level, Main Building)

Chairman: N. NIKOLAEV (Juelich)

14.30–14.50 t.b.a.

14.50–15.10 M. GAIDAROV (Sofia): Effects of nucleon correlations studied within the generator coordinate method

15.10–15.30 Y. MUSAKHANOV (Tashkent): Current mass dependence of quark condensates

15.30–15.50 C.R. JI (North Carolina): Exploring the time–like light front

15.50 – 16.10 tea break

Chairman: G.A. MILLER (Seattle)

16.10 – 16.30 A. FELICIELLO (Torino): Antinucleon–nucleon cross section near the threshold region

16.30–16.50 A.L. TICHONOVA (Moscow): Status of the experiment on charm production in pp and pA interactions at 70 GeV with SVD–2 setup at IHEP accelerator

16.50–17.10 F. CANO (Saclay): The role of quark correlations in meson photoproduction

17.10–18.30 Poster session

**21.00–22.00 ESOP meeting (Kastler room, Adriatico Guest House)**

## FRIDAY, 11 MAY

Chairman: A. GAL (Jerusalem)

9.00–9.35 R. RANSOME (Rutgers): The proton charge form factor in  $^4\text{He}$

9.35–10.10 A.W. THOMAS (Adelaide): Hadron properties ensuring correct chiral behaviour

10.10–10.45 A. BRUELL (MIT): The EIC project

10.45–11.05 coffee break

Chairman: T. WALCHER (Mainz)

11.05–11.40 R. ALARCON (MIT): The south hall ring and the BLAST detector

11.40–12.15 K. De JAGER (TJlab): The TJlab program

12.15–12.50 D. RYCKBOSCH (Gent): The ELFE project

**13.00 Closing**



[back to the main page](#)