II EURODAΦNE Collaboration Meeting

Frascati, 19-22 April, 1994

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Human Capital and Mobility Programme

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EURODAΦNE Collaboration Meeting
April 19–22, 1994
EURODΑΦNE Collaboration Meeting

Frascati, April 19-22 1994 - Aula Alte Energie

PROGRAM

Tuesday 19th April

8:45-09:15  Shuttle leaves Hotel Bellavista and Hotel Flora
09:30-10:00  Registration at Aula Alte Energie-LNF

Morning Session : CP Violation at DAΦNE, theory and experiment

10:00-10:15  L. Maiani  Welcome address
10:15-11:00  H. Lipkin  CP Violation for Pedestrians

Coffee Break

11:30-12:15  M. Preger  Status of the DAΦNE Machine Project
12:15-13:00  J. Lee-Franzini  Status of the KLOE Experiment

Lunch Interval

Afternoon Session : CP and CPT Violation

14:30-15:00  A. Pugliese  Measurement of CP and CPT Violation at DAΦNE
15:00-15:30  Y. Srivastava  On Two-time formulae for CP-Violation Decays
15:30-16:00  M. Ciuchini  ε/ε : A Theoretical Reappraisal

Coffee Break

16:30-17:00  P. Eberhard  Tests of Quantum Mechanics at a φ-factory
17:00-17:30  N. Mavromatos  Violations of Quantum Mechanics and CPT from Planckian Scale Physics at DAΦNE
17:30-18:00  L. Khalfin  CP-violation and CPT-invariance Tests beyond Standard Lee-Ohme-Yang Theory
EURODAΦNE Collaboration Meeting

Wednesday 20th April

08:45-09:15  Shuttle leaves Hotel Bellavista and Hotel Flora

Morning Session:

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<td>J. Gasser</td>
<td>Topics in Semileptonic Kaon Decays</td>
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<td>10:00-10:30</td>
<td>G. Ecker</td>
<td>Status Report on Radiative K-Decays</td>
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<td>10:30-11:00</td>
<td>J. Stern</td>
<td>Generalized Chiral Perturbation Theory</td>
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Coffee Break

11:30-11:50  Paula Franzini
11:50-12:10  G. Colangelo

11:30-11:50  Measuring $K_{14}$ Parameters with KLOE
11:50-12:10  Theoretical Uncertainties in the Measurement of $\pi-\pi$ Phase Shifts in $K_{14}$ Decays

12:10-12:30  M. Knecht
12:30-13:00  E. Shabalin

12:10-12:30  $K_{14}$ Form-factors in Generalized CHPT to One Loop
12:30-13:00  CPT Violating Parameters from Semileptonic K-decays

Lunch Interval

Afternoon Session:

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<td>Unitary Symmetry in Baryon-Baryon Scattering</td>
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<td>15:15-15:45</td>
<td>A. Molinari</td>
<td>Parity Violation in Electron Scattering at with the DΑΦNE injector</td>
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<td>15:45-16:15</td>
<td>T. Bressani</td>
<td>The FINUDA Experiment</td>
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Coffee Break

16:30-17:00  P. Volkovitsky
17:00-18:00  H. Feshbach

16:30-17:00  On possible measurements of radiative decays of $\Lambda(1405)$ in K-d interactions
17:00-18:00  Discussion on hypernuclear physics
Thursday 21st April

08:45-9:15    Shuttle leaves Hotel Bellavista and Hotel Flora

Morning Session:  One and two Photon Physics

09:30-10:00    E. de Rafael    Hadronic Contributions to g-2 of the Muon
10:00-10:30    J. Bijnens    Two and Three Point Functions in ENJL-Models
10:30-11:00    F. Close    Scalar Mesons in and out of Gribov's theory

Coffee Break

11:30-12:00    M. Pennington    Can we Learn about $\pi-\pi$ Scattering at DAΦNE?
12:00-12:30    S. Bellucci    Two-loop Chiral Perturbation Theory Predictions for $\gamma\gamma$ into two pions
12:30-13:00    A. Zallo    Feasibility of two photon physics at DAΦNE

Lunch Interval

Afternoon Session:  Scalar and Vector Mesons physics

14:30-15:00    L. Montanet    Problems of light meson spectroscopy and the potential of a $\phi$-factory
15:00-15:30    A. Bramon    Vector Mesons and Chiral Lagrangians
15:30-16:00    N. Achasov    A study of the OZI rule violation and the combined OZI rule and g-parity violation in $\phi$-decays

Coffee Break

16:30-16:50    J. Portoles    Can the pion polarizabilities be reliably predicted?
16:50-17:20    E. Pallante    Quark-Resonance Model and g-2 of the Muon
17:20-17:40    M. Finkemeier    Radiative Corrections to $K_{12}$ Decays
17:40-18:00    G. Montagna    Radiative Bhabha Scattering and Large Angle Processes at DAΦNE
EURODAΦNE Collaboration Meeting

Friday 22nd April

08:45-09:15       Shuttle leaves Hotel Bellavista and Hotel Flora

On Friday there will be a DISCUSSION between the members of the EURODAΦNE Collaboration and the former authors of the DAΦNE Physics Handbook. The discussion will define the final time table and the precise responsibilities for writing the various chapters of the report and will end at 13:00. The schedule for the morning follows.

09:30-11:00       Working Group Parallel sessions

Coffee break

11:30-13:00       EURODAΦNE Plenary Session and Discussion

Lunch Interval

In the afternoon there will be a meeting of the EURODAΦNE Executive Committee. The Meeting will end not later than 5 p.m.
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