

Wednesday, 5th September

Arrival day:

5 p.m.: bus to Ustroń from Katowice

20.30 *Welcome Reception*

Thursday, 6th September

MORNING SESSION: Neutrinos, astrophysics and cosmology

Chairperson: Walter Grimus

9.00 - Zrałek, M., Welcome

9.10-9.35 Kielczewska D.

”Long-baseline neutrino experiments”,

9.40-10.05 Aguila F.,

”Flavour lepton physics beyond the neutrino standard model”

10.10-10.35 Winter W.,

”Future precision neutrino experiments and their theoretical implications”

10.40-11.10 Tea and Coffee

11.10 - 11.35 Illana, J.

”Exotic physics with ultrahigh energy cosmic rays”

11.40 - 12.05 Kisiel J.

”Project LAGUNA”,

12.10-12.30 Syska, J.

”Neutrino oscillations with density matrix and magnetization of the crust”

AFTERNOON SESSION: Hadron physics at high and low energies

Chairperson: Johannes Blümlein

15.00-15.25 Worek, M.

”Monte Carlo Generators for the LHC”

15.30 - 15.55 Long, O.

”Measurements of CKM parameters at the B Factories.”,

16.00 Tea and Coffee

16.30-16.55 Piccinini F.,

”SM precision tests at hadron colliders: theoretical control on DY processes”

17.00-17.25 Kalinowski, J.

”Speculations on isolated lepton events at HERA”

Friday, 7th September

MORNING SESSION: Flavour and low energy physics

Chairperson: Maria Krawczyk

9.00 - 9.25 Rosenberg, E.

”Beyond the Standard Model at the B Factories”,

9.30 - 10.05 Brambilla N.,

“Heavy quarkonium physics - theoretical status”

10.10 - 10.35 Montagna G.,

”Status of precision Monte Carlo tools for luminosity monitoring at meson factories”

10.40-11.10 Tea and Coffee

11.10 - 11.35 Venanzoni G.,

”The physics case of DAFNE-2”

11.40 - 12.15 Pich A.,

“Physics of tau”

12.20 - 12.55 Ecker G.

”Progress in chiral perturbation theory”

AFTERNOON SESSION: Precision tests at low energies

Chairperson: Gerhard Ecker

15.00-15.25 Nguyen, F

“KLOE physics highlights”

15.30 - 15.55 Trentadue L.,

“Resummation of mass distributions in b decays”

16.00-16.30 Tea and Coffee

16.30 - 16.55 Denig A.

“Kloe results on hadronic cross section”

17.00 - 17.25 Czyż, H.,

“New developments in the PHOKHARA”

17.30 - 18.05 Eidelmann S.

“Present status and prospects in muon ($g-2$)”

Evening:

Banquet

Saturday, 8th September

MORNING SESSION: Loops calculations

Chairperson: Ettore Remiddi

9.00-9.25 Moch, S.

”Heavy quark hadro-production at two loops in QCD”

9.30-9.55 Riemann, T.

”Fermionic NNLO corrections to Bhabha scattering”

10.00 - 10.20 Kajda, K.

”The pentagon diagrams of Bhabha scattering”

10.30-11.00 Tea and Coffee

11.00 - 11.20 Schutzmeier, T.

”NNLO fermionic corrections to the charm quark mass dependent matrix elements in $\overline{B} \rightarrow X_s \gamma$ ”

11.25-11.50 Bierenbaum, I.

”Heavy Flavour Production in DIS - Two-Loop Massive Operator Matrix Elements and Beyond”

“Mountain” trip (by bus): 13.30 p.m. (precisely) - 22 p.m

Sunday, 9th September

MORNING SESSION: High energy e^-e^+

Chairperson: Simon Eidelman

9.00 - 9.35 Elsen E.

“ILC - Accelerator and Experiment”,

9.40-10.00 Schälicke A.

“Polarized positrons for the ILC”,

10.05 - 10.40 Krawczyk, M.

“ILC - theory”,

10.45 Tea and Coffee

11.15-11.35 Szczypiński, S

”Off mass shell and background effects in $e^+e^- \rightarrow t\bar{t}H$ ”

11.40- 12.05 Grzadkowski B.

”Higgs-Boson Mass Limit within the Randall-Sundrum Model”

12.10 - 12.35 Wudka J.

”Stability of thick brane configurations”

12.40-13.00 Czarnecki, A.

”Positronium ion: three bodies in QED”

AFTERNOON SESSION: Neutrinos, astrophysics, cosmology

Chairperson: Jose Wudka

15.00-15.25 Asselmeyer-Maluga T. ,

”Dark energy and 3-manifold topology”

15.30 - 15.55 Biesiada M.,

”Cosmology - hot issues and some perspectives ”

16.00-16.30 Tea and Coffee

16.30 - 16.55 Yasuda O.

“New physics effects in long baseline experiments”

17.00 -17.25 Grimus, W.

“Renormalisable SO(10) models and neutrino masses and mixing”

Monday, 10th September

MORNING SESSION: Loops calculations

Chairperson: Tord Riemann

9.00-9.35 Hollik W.

“Status and prospects of the precision tests of the SM”

9.40 - 10.00 Khorramian, A.

“The non-singlet QCD analysis of parton distributions up to NNLO based on Jacobi polynomials”

10.05-10.25 Rolbiecki, K.

”One-loop corrections in chargino sector with CP violating phases”

10.30-11.00 Tea and Coffee

11.00-11.35 Pachucki, K.

’Atomic physics primer for a particle physicist’

11.40-12.00 Chachamis G.

”Virtual Corrections for NNLO $W^+ W^-$ Production @ the LHC”

12.05-12.30 Ossola G.

”Reduction of one-loop amplitudes at the integrand level”

AFTERNOON SESSION: Precision tests and new developments

Chairperson: Wolfgang Hollik

15.00-15.25 Portoles, J.,

”Chiral Low Energy Couplings : Status and Prospects”

15.30-15.50 Król, J.

”Higher YM theories and compactification in string theory”

16.00-16.30 Tea and Coffee

16.30-16.50 Albotenau, A.

”NCSM Phenomenology at the LHC”

16.55-17.20 Kolodziej, K.

”CARLOMAT, a program for automatic computation of multiparticle cross sections at the lowest order”

18.00 *Supper*

20.00 *Farewell Party*

Tuesday, 11th September

7.30 Breakfast

9.00 Bus to Katowice