



XXIII Physics in Collision

Zeuthen, Germany
June 26 - 28, 2003

Program

Wednesday, June 25

16:00 – 21:00 Registration
19:00 – 21:00 Welcome Reception

Thursday, June 26

08:00 – 09:00 Registration

Opening

Session Chair: W. Lohmann

09:00 Welcoming Address Ch. Helm, U. Gensch
09:15 Memorial for Krzysztof Rybicki M. Turala

Neutrino Physics

Session Chair: A. Bettini

09:30 Evidence for Neutrino Oscillations from KamLand B. Fujikawa
10:10 Latest News from SNO K. Graham
10:40 Nuclear Processes at Solar Energy Scale C. Brogini

11:10 Coffee Break

Session Chair: J.M. Brom

11:30 Solar Neutrinos: An Overview J. Bahcall
12:15 Neutrino Oscillations: a Global Analysis G. Fogli

12:45 Lunch

Astro- and Astroparticle Physics

Session Chair: E. Kluge

14:00 Status of Observational Cosmology and Inflation L. Covi
14:45 Gamma Ray Astrophysics S. Ritz
15:30 Poster Session and Coffee

Searches for New Phenomena

Session Chair: H. Wahl

16:15	Direct Dark Matter Searches	W. Seidel
17:00 – 17:45	Searches for New Particles at the Energy Frontier at Tevatron	P. Verdier

Public Lecture

Session Chair: T. Lohse

19:30	Elementarteilchen aus dem Kosmos (Abendvortrag)	W. Hofmann
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Friday, June 27

Flavour Physics

Session Chair: A. Stahl

09:00	Measurement of $\sin 2\phi_1$ ($\sin 2\beta$) and B Mixing	K. Abe
09:30	Measurement of $\sin 2\alpha$ ($\sin \phi_2$) and Rare Hadronic B Decays	Y. Pan
10:00	Probing the Standard Model with Electroweak Penguin B Decays	S. Dasu
10:30	Measurement of CKM Elements and the Unitary Triangle	B. Golob
11:00	Poster Session and Coffee	

Session Chair: J. Appel

11:45	B, Λ_B and Charm Results from the Tevatron	F. Azfar
12:15	New Perspectives for Lattice B-Physics	R. Sommer
13:00	Lunch	

Session Chair: F. Fabbri

14:15	New Physics from Kaon Decays	R. Wanke
15:00 - 15:30	Recent Results on Light Mesons Physics	C. Bini
16:00	Departure, Visit of the Solar Observatory 'Einstein-Tower'	
19:30	Conference Dinner	

Saturday, June 28

QCD

Session Chair: U. Heintz

09:00	The Observation of the new D_s States	A. Palano
09:30	Heavy Quarkonia Spectroscopy and Decays	H. Mahlke-Krüger
10:15	Heavy Ion Physics	R. Snellings
11:00	Coffee Break	

Session Chair: B. Naroska

11:30	Heavy Flavour Production with Leptons and Hadrons	M. Wing
12:15	Quarkonia Production with Leptons and Hadrons	V. Papadimitriou
13:00	Lunch	

Session Chair: B. Foster

13:45	Jet Physics at Tevatron	I. Bertram
14:15	Hard Processes in ep Scattering	H. Schultz-Coulon
15:00	QCD at e^+e^- Experiments	K. Hamacher
15:45	Coffee Break	

Electroweak Precision Physics

Session Chair: R. Voss

16:15	Top and Electroweak Physics from Tevatron	M. Kruse
17:00	W Physics at LEP	E. Barberio
17:30	g-2	E. Sichtermann