



Programme

Sunday, September 18, 2016

Registration (14:00–18:00)

Monday, September 19, 2016

Registration (08:00–08:30)

Welcome and Introduction (08:30–09:20)

Convener: Changzheng YUAN

08:30 Opening address

08:50 Introduction to Tau2016

Yifang Wang

Emilie Passemar

Tau properties I (09:20–10:35)

Convener: Changzheng YUAN

09:20 Predictions on the second-class current decays $\tau^- \rightarrow \pi^- \eta^{(\prime)} \nu_\tau$

09:45 Study of Michel parameters in leptonic tau decays at Belle

10:10 Michel parameter measurement by radiative leptonic tau decay

Sergi González-Solís

Denis Epifanov

Nobuhiro Shimizu

Coffee Break (10:35–11:05)

Tau properties II (11:05–12:20)

Convener: Alberto Lusiani

11:05 An overview of $\tau \rightarrow (\pi\pi, K\pi, K\eta^{(\prime)})\nu_\tau$ decays

11:30 Tau lepton production and decays: Perspective of multi-dimensional distributions and Monte Carlo methods

11:55 Precise beam energy measurement in collider experiments

Rafel Escribano

Zbigniew Was

Mikhail Achasov and

Jian-Yong Zhang

Lunch (12:20–14:00)

Tau properties III (14:00–15:15)

Convener: Zbigniew Was

14:00 Inclusive hadronic tau decay determination(s) of V_{us}

14:25 Lattice calculation of V_{us} from inclusive strangeness changing tau decay

14:50 HFAG and PDG tau branching fractions averages and V_{us} determination from tau data

Kim Maltman

Hiroshi Oki

Alberto Lusiani

Lepton $g - 2$ I (15:15–16:05)

Convener: Zbigniew Was

15:15 Review of $g - 2$ theory

15:40 Lattice calculation for the lowest-order hadronic contribution to muon $g - 2$

Thomas Teubner

Bipasha Chakraborty

Coffee break (16:05–16:35)

Lepton $g - 2$ II (16:35–18:15)

Convener: Simon Eidelman

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|-------|---|--------------------|
| 16:35 | Lattice calculation for the light-by-light hadronic contribution to muon $g - 2$ | Taku Izubuchi |
| 17:00 | Meson–photon transition form factors and the evaluation of muon $g - 2$ | Fu-Guang Cao |
| 17:25 | Pion form factor measurement and ISR at BESIII | Yaqian Wang |
| 17:50 | New ISR cross section results on $\pi^+\pi^-\pi^0\pi^0$ and $\pi^+\pi^-\eta$ from BaBar | Konrad Griessinger |

Poster and reception (19:00–21:30)

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| 19:00 | The $h \rightarrow \mu\tau$ decay in a two Higgs doublets model with a fourth generation of fermions | Agustin Moyotl-Acuahuitl |
| 19:00 | Anomalous magnetic and weak anomalous magnetic dipole moments of the tau lepton in the simplest little Higgs model | Marco Arroyo |
| 19:00 | Analysis of $\gamma\gamma \rightarrow J/\psi\gamma$ | Yoshiaki Seino |
| 19:00 | Study of tau $\rightarrow 3\text{lep } 2\nu$ decays at Belle | Junya Sasak |
| 19:00 | Study of $\tau^- \rightarrow \pi^- l^+ l^- \nu_\tau$ at Belle | Yifan Jin |
| 19:00 | MC study for the lepton flavor violating tau decay into a lepton and an undetectable particle | Toshiki Yoshinobu |
| 19:00 | Measurement of tau decays into three charged mesons | Alexander Bobrov |

Tuesday, September 20, 2016Lepton $g - 2$ III (08:30–10:10)

Convener: Cai-Dian Lu

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|-------|--|------------------------------------|
| 08:30 | Recent e^+e^- to hadronic results from SND at VEPP-2000 collider | Mikhail Achasov and Tatyana Dimova |
| 08:55 | New e^+e^- to hadronic results from CMD-3 | Simon Eidelman |
| 09:20 | R measurement between 1.8 and 3.7 GeV at KEDR | Simon Eidelman |
| 09:45 | QCD and R value measurement at BESIII | Haiming Hu |

Photos & Coffee break (10:10–10:40)

Lepton $g - 2$ IV (10:40–12:30)

Convener: Nikolay Achasov

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| 10:40 | High-luminosity e^+e^- collider at low energy | Anton Bogomyagko |
| 11:05 | The muon $g - 2$ experiment at Fermilab | James Mott |
| 11:30 | The muon $g - 2$ experiment at J-PARC | Yutaro Sato |
| 11:55 | Review of $g - 2$ predictions with experimental inputs | Michel Davier |
| 12:20 | Introduction to CPC | Caitriana Nicholson |

Lunch (12:30–14:00)

QCD I (14:00–15:40)

Convener: Kim Maltman

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|-------|--|-------------------|
| 14:00 | QCD perturbative series in hadronic tau decays and scheme variations of the coupling | Diogo Boito |
| 14:25 | Five-Loop Running of the QCD coupling constant | Johann Kuehn |
| 14:50 | Determination of the QCD Coupling from ALEPH tau Decay Data | Antonio Rodríguez |
| 15:15 | The status of the strong coupling from tau decays in 2016 | Maarten Golterman |

Coffee break (15:40–16:10)

QCD II (16:10–18:15)

Convener: Johann Kuehn

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| 16:10 | Strong isospin breaking at production of light scalars | Nikolay Achasov |
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