

**WORKSHOP tau lepton
decays: hadronic currents
from Belle BaBar data and
LHC signatures**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 1

Type: **not specified**

Using dispersion relations for hadronic tau decays: from Standard Model to New Physics

Presenter: Dr PASSEMAR, Emilie

Contribution ID: 2

Type: **not specified**

Probing tau lepton electromagnetic dipole moments through its leptonic radiative decays

Presenter: Mr FAEL, Matteo

Contribution ID: 3

Type: **not specified**

RChL and hadronic currents theoretical uncertainty

Presenter: Dr ROIG, Pablo

Contribution ID: 4

Type: **not specified**

Charged LFV at LHCb

Contribution ID: 5

Type: **not specified**

The study of Michel parameters in leptonic tau decays at Belle.

Presenter: Dr EPIFANOV, Denis

Contribution ID: 6

Type: **not specified**

A short introduction

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 7

Type: **not specified**

Update for 3 pion modes using RChL current

Presenter: SHEKHOVTSOVA, olga

Contribution ID: 8

Type: **not specified**

Systematics

Presenter: NUGENT, Ian Michael (Rheinisch-Westfaelische Tech. Hoch. (DE))

Contribution ID: 9

Type: **not specified**

Study of $\tau \rightarrow K\eta(\eta')\nu$ in the framework of RChT

Presenter: Mr SERGI, Gonzalez-Solis

Contribution ID: **10**

Type: **not specified**

$K\pi$ modes

Presenter: Prof. JAMIN, Matthias

Contribution ID: 11

Type: **not specified**

Status of tau decay in $\pi\pi\eta$

Presenter: CHEREPANOV, Vladimir (Rheinisch-Westfaelische Tech. Hoch. (DE))

Contribution ID: 12

Type: **not specified**

Probing τ lepton electromagnetic dipole moments through its leptonic radiative decays

Presenter: Mr FAEL, Matteo

Contribution ID: 13

Type: **not specified**

RChL and hadronic currents theoretical uncertainty

Presenter: ROIG, Pablo (IFAE)

Contribution ID: 14

Type: **not specified**

Introduction: relations between τ activities.

Monday 16 September 2013 09:15 (15 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 15

Type: **not specified**

Strong coupling from tau lepton decays

Monday 16 September 2013 09:35 (40 minutes)

Presenter: Mr JAMIN, Matthias

Contribution ID: 16

Type: **not specified**

Using dispersion relations for hadronic tau decays: from SM to New Physics

Monday 16 September 2013 10:15 (35 minutes)

Presenter: Mrs PASSEMAR, Emilie (Institut de Physique Nucléaire)

Contribution ID: 17

Type: **not specified**

Coffee break

Contribution ID: **18**

Type: **not specified**

tmp

Author: CHRZASZCZ, Marcin (University of Zurich (CH), Polish Academy of Sciences (PL))

Presenter: CHRZASZCZ, Marcin (University of Zurich (CH), Polish Academy of Sciences (PL))

Contribution ID: 19

Type: **not specified**

A short introduction

Tuesday 17 September 2013 09:15 (10 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 20

Type: **not specified**

Three pion decay of tau in RChL

Tuesday 17 September 2013 09:25 (35 minutes)

Presenter: SHEKHOVTSOVA, olga

Contribution ID: 21

Type: **not specified**

Fitting the Invariant Mass Spectra from BaBar

Tuesday 17 September 2013 10:00 (45 minutes)

Presenter: NUGENT, Ian Michael (TRIUMF (CA))

Contribution ID: 22

Type: **not specified**

Coffee break

Contribution ID: 23

Type: **not specified**

Study of $\tau \rightarrow K\eta(\eta')\nu$ in the framework of RChT

Tuesday 17 September 2013 11:05 (30 minutes)

Presenter: GONZALEZ-SOLIS, Sergi

Contribution ID: 24

Type: **not specified**

Kπ modes

Tuesday 17 September 2013 11:35 (30 minutes)

Presenter: JAMIN, Matthias

Contribution ID: 25

Type: **not specified**

Status of tau decay in $\pi\pi$

Tuesday 17 September 2013 12:05 (30 minutes)

Presenter: CHEREPANOV, Vladimir (Rheinisch-Westfaelische Tech. Hoch. (DE))

Contribution ID: 26

Type: **not specified**

Lunch

Contribution ID: 27

Type: **not specified**

Probing τ lepton electromagnetic dipole moments through its leptonic radiative decays

Tuesday 17 September 2013 14:00 (30 minutes)

Presenter: MATTEO, Fael

Contribution ID: **28**

Type: **not specified**

RChL and hadronic currents theoretical uncertainty

Tuesday 17 September 2013 14:30 (30 minutes)

Presenter: ROIG, Pablo (IFAE)

Contribution ID: 29

Type: **not specified**

Tauspinner – principles

Wednesday 18 September 2013 09:15 (15 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 30

Type: **not specified**

Perspectives for measuring the polarization of tau leptons in the ATLAS experiment, access RESTRICTED

Wednesday 18 September 2013 10:35 (30 minutes)

Presenter: MALECKI, Pawel (Polish Academy of Sciences (PL))

Contribution ID: **31**

Type: **not specified**

Bremsstrahlung. High energy

Wednesday 18 September 2013 11:30 (30 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 32

Type: **not specified**

KKMC Status and Outlook

Wednesday 18 September 2013 12:00 (30 minutes)

Presenter: JADACH, Staszek (Polish Academy of Sciences (PL))

Contribution ID: 33

Type: **not specified**

The study of Michel parameters in leptonic tau decays at Belle

Thursday 19 September 2013 09:15 (35 minutes)

Presenter: EPIFANOV, Denis (U)

Contribution ID: 34

Type: **not specified**

LFV decay at LHCb

Thursday 19 September 2013 09:50 (25 minutes)

Presenter: CHRZASZCZ, Marcin (University of Zurich (CH), Polish Academy of Sciences (PL))

Contribution ID: 35

Type: **not specified**

Feasibility study for a search for $\tau \rightarrow \mu\gamma$ decay at Super C- τ factory

Thursday 19 September 2013 10:15 (45 minutes)

Presenter: BOBROV, Alexander (Budker Institute of Nuclear Physics (BINP))

Contribution ID: **36**

Type: **not specified**

INFN tau factory

Thursday 19 September 2013 13:15 (45 minutes)

Presenter: SILVESTRINI, Luca (INFN Rome)

Contribution ID: 37

Type: **not specified**

Bremsstrahlung –low energy

Friday 20 September 2013 09:15 (30 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: **38**

Type: **not specified**

Determination of $|V_{cb}|$ and $|V_{ub}|$ from semileptonic B meson decays at Belle

Friday 20 September 2013 09:45 (30 minutes)

Presenter: CRISTOPH, Schwanda

Contribution ID: **39**

Type: **not specified**

RC for $\tau \rightarrow K\pi\nu$

Friday 20 September 2013 10:15 (30 minutes)

Presenter: Mrs PASSEMAR, Emilie (Institut de Physique Nucléaire)

Contribution ID: 40

Type: **not specified**

Coffee break

Contribution ID: 41

Type: **not specified**

TauSpinner update and future plans for Tauola++

Friday 20 September 2013 11:00 (45 minutes)

Presenter: PRZEDZINSKI, Tomasz (Jagiellonian University (PL))

Contribution ID: 42

Type: **not specified**

Model parameterfitswithMC-supportedgradient methodto BaBar collaborationTaulepton data

Friday 20 September 2013 11:45 (15 minutes)

Presenter: ZAREMBA, Jakub

Contribution ID: 43

Type: **not specified**

Summary -> what next?

Friday 20 September 2013 12:00 (30 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: 44

Type: **not specified**

Testing the nature of new states at the LHC with tau leptons

Wednesday 18 September 2013 09:30 (30 minutes)

Author: KALINOWSKI, Jan Henryk (University of Warsaw (PL))

Presenter: KALINOWSKI, Jan Henryk (University of Warsaw (PL))

Contribution ID: 45

Type: **not specified**

ATLAS Tau Reconstruction - Status and Plans

Wednesday 18 September 2013 10:00 (30 minutes)

Presenter: WAGNER, Peter (Universitaet Bonn (DE))