

Session Program

21-26 Oct 2012



**LCWS12 International Workshop on
Future Linear Colliders** University of Texas at Arlington, USA
22-26 October 2012

LCWS 2012

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University Center, UTA

Wednesday 24 October

08:30

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Session | **Location:** University Center, UTA, San Saba | **Conveners:**
Maria Krawczyk, Dr Jeff Gronberg, Mayda Velasco, Dr Tohru Takahashi, Prof. Valery Telnov

08:30–09:20

View on photon colliders at ILC, CLIC, Higgs factory SAPHIRE and super $\gamma\gamma$ factory

Speaker

Prof. Valery Telnov

09:20–09:45

Compton Collision Parameter Optimization for a Gamma Gamma Higgs Factory

Speaker

Dr Timothy Barklow

09:45–10:10

Status of the optical cavity R&D at KEK-ATF

Speaker

Dr Tohru Takahashi

10:30

11:00

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Session | **Location:** University Center, UTA, San Saba | **Conveners:**
Mayda Velasco, Dr Tohru Takahashi, Dr Jeff Gronberg, Maria Krawczyk, Prof. Valery Telnov

11:00–11:20

Simulation of Higgs boson pair creation in a photon collider

Speaker

Dr Tohru Takahashi

11:20–11:40

Testing 125 GeV Higgs's from 2HDM at PLC

Speaker

Maria Krawczyk

11:40–12:00

Study of Triple Neutral Gauge Boson Interactions in $\gamma\gamma$ to eZ

Speaker

Prof. Fernando Cornet

12:30

Thursday 25 October

14:00

$\gamma\gamma$

Session | **Location:** University Center, Blanco | **Conveners:**

Dr Jeff Gronberg, Prof. Valery Telnov, Maria Krawczyk, Kingman Cheung, Dr Tohru Takahashi, Mayda Velasco

14:00–14:40

Discussion of the laser for CLICHÉ and SAPPHiRE photon colliders

Speakers

Daniel Schulte, Mayda Velasco

14:40–15:30

Discussion of $\gamma\gamma$ -summary for ILC TDR

Speaker

Dr Jeff Gronberg

15:40