

Early Morning

- 08:30 - 08:50 Opening remarks [↗](#) - *Marco Battaglieri*
- 08:50 - 09:10 Towards the Electromagnetic Transition Form Factor of the eta' meson with g12 and CLAS12 [↗](#) - *Michael Kunkel - remote*
- 09:10 - 09:30 Update on JPAC activities [↗](#) - *A.Szczepaniak*
- 09:30 - 09:50 Development of a new 2pi event generator based on JLab-Moscow model: reasons, status, and prospects [↗](#) - *Iuliia Skorodumina*
- 09:50 - 10:10 A consistent isobar analysis of cascading decays in the high-mass baryon sector [↗](#) - *Eric Gutz*
- 10:10 - 10:30 New and old analysis projects - *General Discussion*

Coffee Break

Late Morning

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- 11:20 - 11:40 Photoproduction of Hidden-Charm Pentaquark in CLAS12 - Untagged [↗](#) - *Valeri Kubarovsky*
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- 12:00 - 12:20 An update on search for excited eta mesons in gamma proton-> proton pi+ pi- eta [↗](#) - *Cathrina Sowa*
- 12:20 - 12:40 A Study of 3pi production in $\gamma p \rightarrow n\pi + \pi + \pi -$ and $\gamma p \rightarrow \Delta^{++} \pi + \pi -$ from g12 data set [↗](#) - *Aristeidis Tsaris - remote*
- 12:40 - 13:00 The Photoproduction of Strange Mesons in $\gamma p \rightarrow \Lambda K^+ \pi^+ \pi^-$ (from g12?) [↗](#) - *Hussein Al Ghoul*

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- 14:20 - 14:40 Determination of the Polarization Transfer Coefficients C_x' and C_z' for gamma d to K0 Lambda (p) From g13 Data [↗](#) - *Colin Gleason*
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- 16:45 - 17:30 Analysis review status
 - Analysis of gamma p to K0K0 from the g12 Data Set [↗](#) (PI: K.Hicks/S.Chandavarj) - *Carlos Salgado*
 - Pentaquark search in g10 by using the MMSA method (PI: K.Hicks [↗](#)) - *Stepan Stepanyan*
 - 2pi from e1-6 (PI: E.Golovach) [↗](#) - *R.Gothe*
 - Exclusive Photo-Production Measurement of $K^+ \Sigma^+ \pi^-$ off Quasi-Free Neutrons in Deuterium (PI: H.Lu) [↗](#) - *Nick Zachariou*
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 - KLambda and KSigma from FROST (PI: N.Waldorf [↗](#)) - *Steffen Strauch*
 - Polarized structure function σ_{LT} from the single pi0 electroproduction on the proton in the resonance region (PI:N.Markov) [↗](#) - *Volker Crede*
 - Spin observables in omega photoproduction (PI: B.Vernarsky) [↗](#) - *Franz Klein*
 - Analysis of K+K photo-production from the g11 Data Set (PI: S.Lombardo) [↗](#) - *Paul Eugenio*
 - Polarization Observables in $g(\text{pol})p(\text{pol}) \rightarrow \text{ppi} + \pi$ -Using the g9a (FROST) Target and CLAS (PI: V. Krede) [↗](#) - *Ken Livingston*
 - gamma p -> eta p, gamma p -> eta' p and gamma p -> omega p beam asymmetries (PI: P.Collins - M.Dugger) [↗](#) - *Lei Guo*
- 17:30 - 18:00 g12 Run Group review
- 17:30 - 17:40 G12 Anayses Status [↗](#) - *Lei Guo*
- 17:40 - 17:50 Analysis Review status: g12 Run Group review [↗](#) - *Eugene Pasyuk*
- 17:50 - 18:10 Discussion

HSWG
CLAS Collaboration Meeting
JLab, October 22 2015

Agenda

- * Dedicated sub session on pentaquark (theory + proposals for CKLAS12)
- * Open discussion about on-going / new-analysis

Activities

- * Regular report at HSWG on JPAC activity to strengthen exp/the connection
- * Selected talks on more advanced analysis on plenary session at the CLAS Collaboration Meeting (R.Schumacher f1(1285) analysis)

Talks

- * Good communication with CSC to coordinate HSWG presence in major conferences/workshops Ask for a list of topics and potential speakers to WG representatives
- * REMINDER: Communicate talks and proceedings to the CSC
- * **JSA-TFC funds allocated: \$17.2k over \$20k available in 2015**

External collaborators

- * **New requests from external collaborators require to define a work plan to coordinates ongoing with new analysis (discussion today)**

Analysis Reviews

- * Great attention on analysis review processes (discussion this eve)

WG Reviews status

Gamma p to $K0K0$ from the $g12$ Data Set

PI: Kenneth Hicks and Shloka Chandavar

RC: Carlos Salgado (Chair), Derek Glazier, Lorenzo Zana

I round of comments

Pentaquark search in $g10$ by using the MMSA method

PI: Kenneth Hicks et al.

RC: Stepan Stepanyan (Chair), Lei Guo, Bryan McKinnon

II round of comments

2π photoproduction from $g11$

PI: Evgheny Golovach et al.

Ralf Gothe (Chair), Lei Guo, Alessandro Rizzo, Stepan

I round of comments

$K\Lambda$ and $K\Sigma$ from FROST

PI: N. Walford et al.

RC: S. Strauch, M. Holtrop, P. Mattione,

I round of comments, waiting for a revised version of the note

2π electroproduction at large Q^2 from E1-6 run

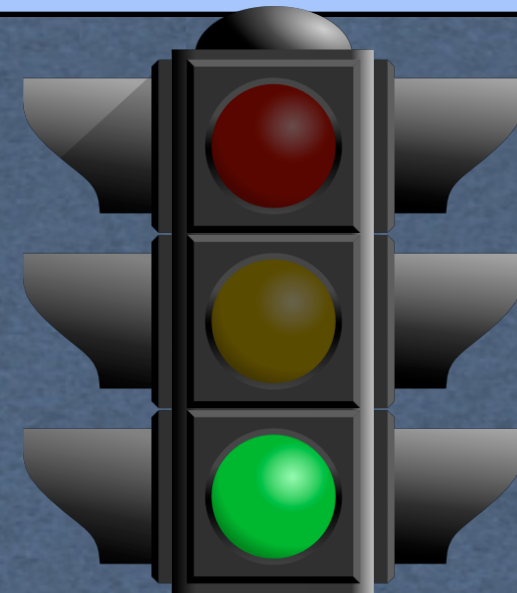
PI: E. Isupov et al.

RC: B. Briscoe, M. Guidal, M. Ripani

Almost done

New

since last meeting



Photoproduction of the $f_1(1285)$

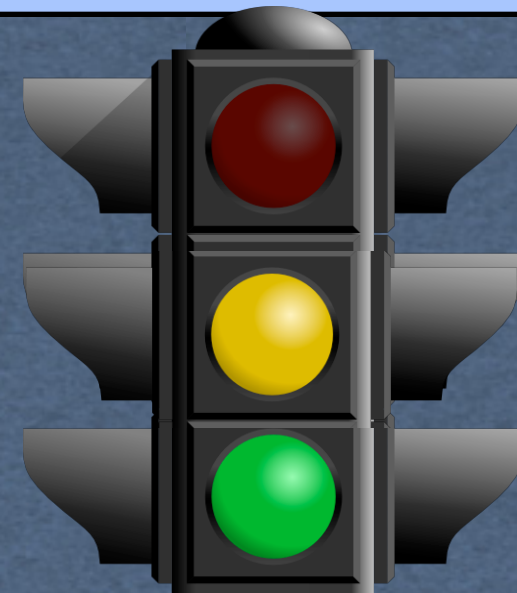
PI: R. Schumacher (CMU) et al.

RC: D. Weygand, B. McKinnon, D. Watts



DONE!

WG Reviews status

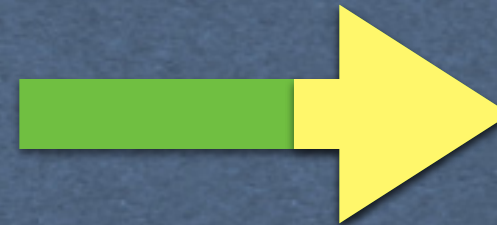


Exclusive Photo-Production Measurement of $K^+ \Sigma^* -$ off Quasi-Free Neutrons in Deuterium

PI: H.Lu (SCU) et al.

RC: N.Zachariou, M.Dugger, D.MacGregor

Status: resumed with reshuffled committee



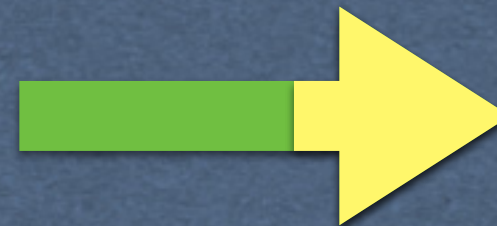
Polarized structure function σ_{LT} from the single π^0 electroproduction on the proton in the resonance region

PI: Nick Markov

RC: V.Crede, Ralf Goethe, Yelena Prok

Started Sept 2014

Status: delayed but resumed



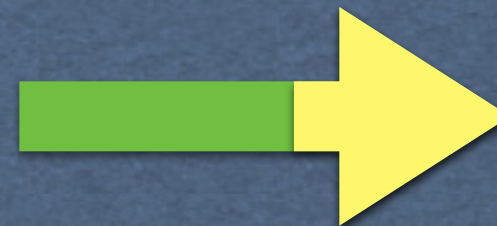
Spin observables in omega production

PI: Brian Vernarsky

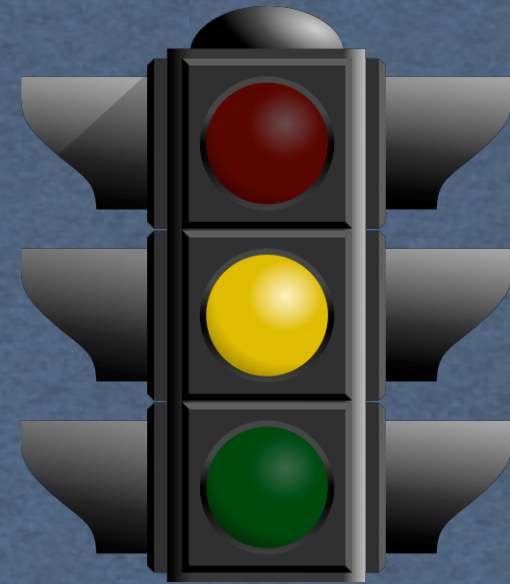
RC: F.Klein, A.Filippi, S.Strauch

Started Sept 2014

Status: LOST CONTACT



WG Reviews status



Polarization Observables in $g(\text{pol})p(\text{pol}) \rightarrow ppi + \pi$ -Using the g9a (FROST) Target and CLAS

PI: V.Crede (FSU) et al.

RC: K.Livingston, V. Ziegler, E. Golovach

Timeline: Sep 12 2013 started, Oct 14 1st round

Status: almost ready to submit the new (broader) note



later today

$\gamma + p \rightarrow p K^+ K^-$ reaction

PI: S.Lombardo (Cornell)

RC: P.Eugenio, D. Schott, D. Carman

Timeline: started Jan 17 2014

Status: eventually the PI responded to the RC comments



later today

Data analysis technique for obtaining $\gamma p \rightarrow \eta p$, $\gamma p \rightarrow \eta' p$ and $\gamma p \rightarrow \omega p$ beam asymmetries from the g8b running period

PI: Mike Dugger (Patrick Collins)

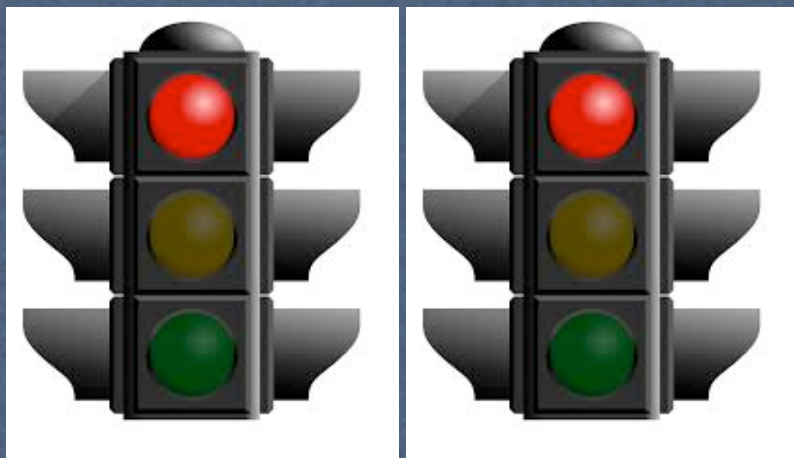
RC: L.Guo, D.Sober, E.Golovach

Timeline: Jan 2013 started, Feb 1st round

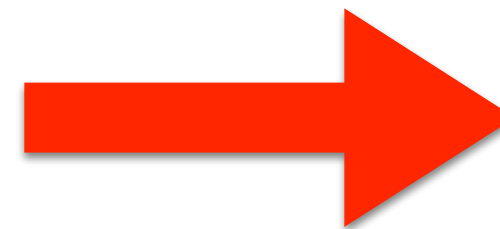
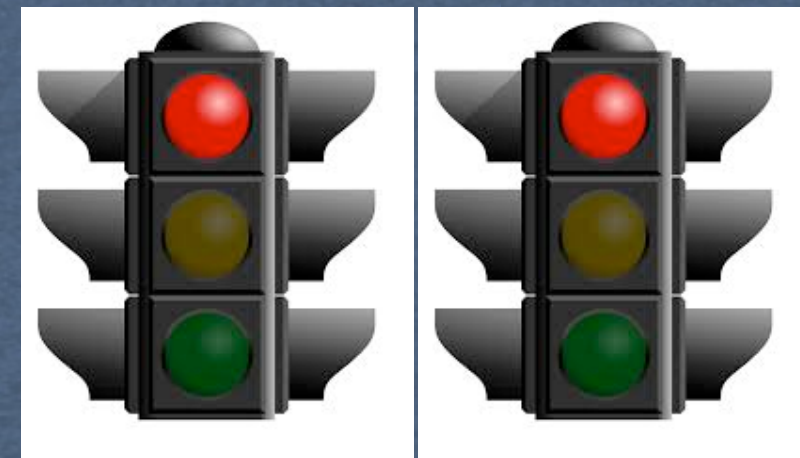
Status: new analysis note to the RC in 1 month



later today



WG Reviews status



**Action
required!**

HSWG

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