

# CALICE @ Arlington

## - Introduction -

UNIVERSITY OF TEXAS  ARLINGTON



**CALICE Collaboration Meeting**  
September 2016  
University of Texas at Arlington, USA

**Frank Simon**  
MPP Munich

# Thank You!

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- A warm thank you to our host:

**Andy White**

- And thank you all for coming to this meeting

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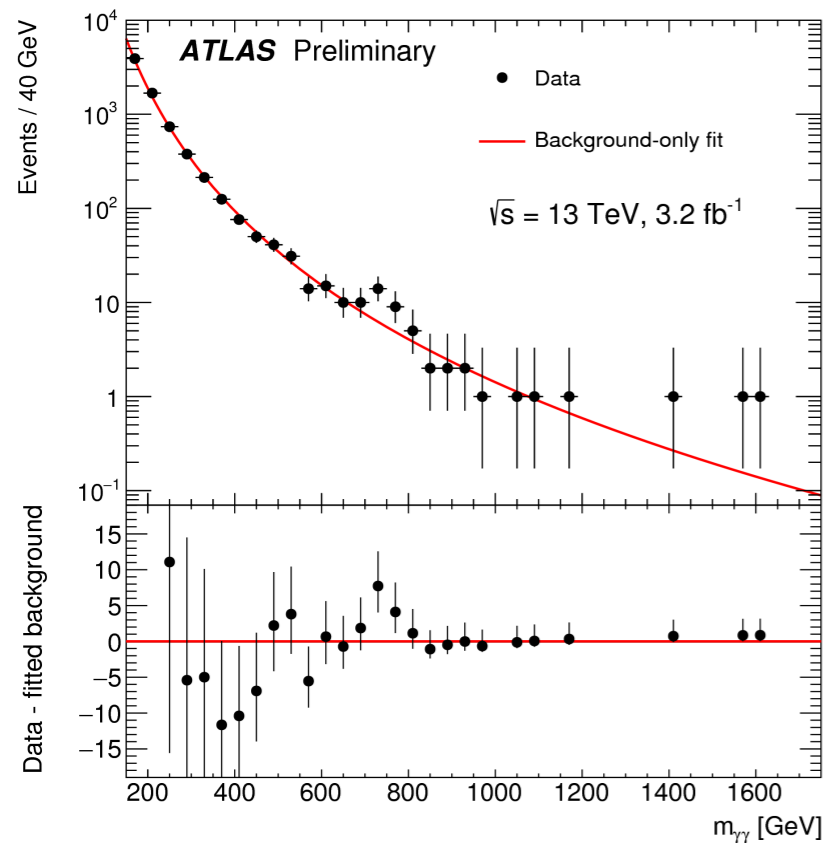
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... a long trip for most of you - but hopefully worth-while:

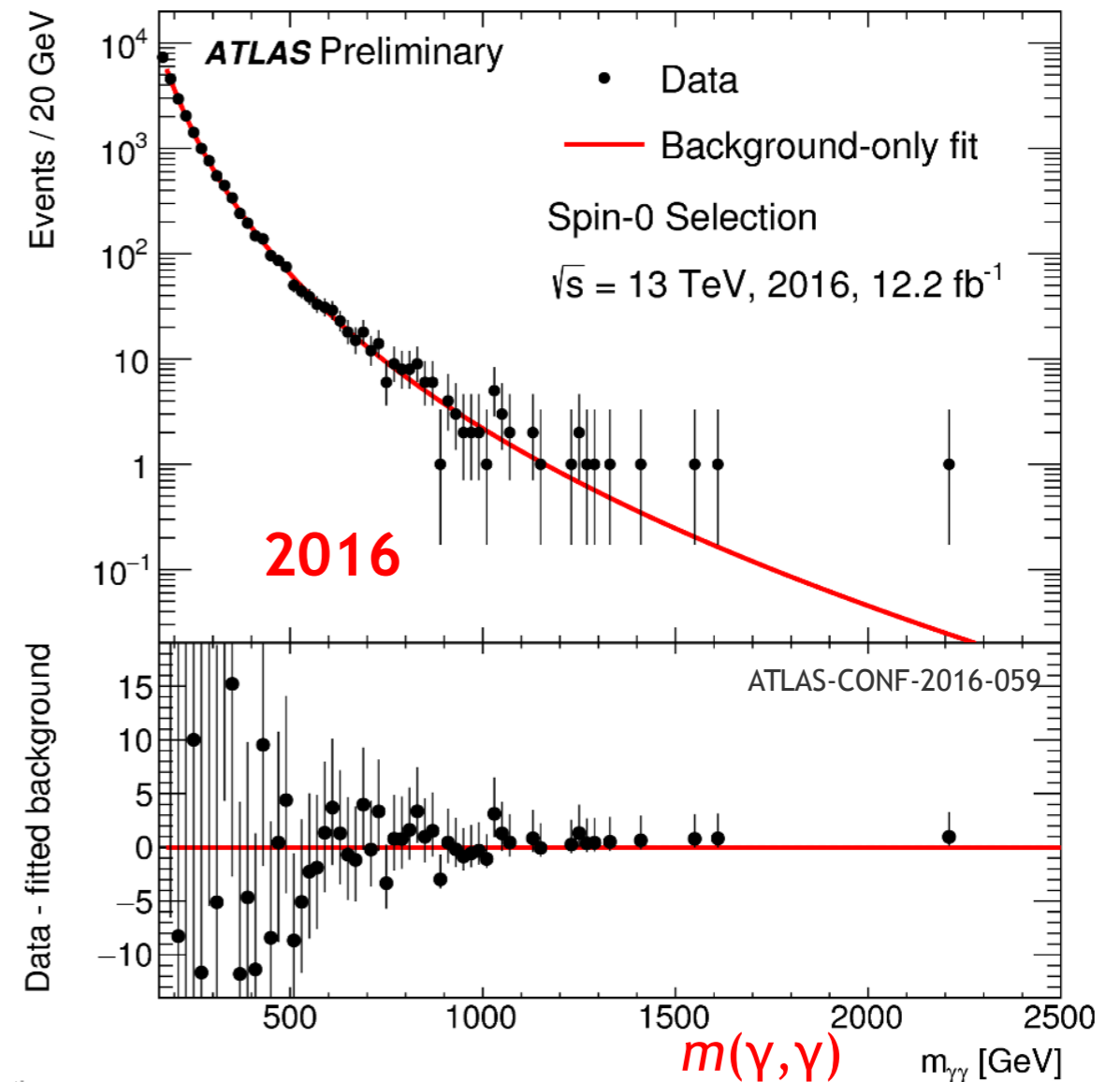
The collaboration meetings are part of the life of our collaboration - getting many different institutes involved across the regions is a part of what is keeping us together.

# The Current Landscape

- At the last meeting, we were hoping for a revolution in particle physics...



- But in Chicago we were disappointed. But still: This does not degrade the case for future lepton colliders at all, has provided an interesting case study “... what if ...”, and has reminded people of the importance of em calorimetry



# The ILC: Progressing in Japan and elsewhere

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- Steady progress in committees
  - Many things happening behind closed doors
- Official cooperation between MEXT and DOE on accelerator cost reduction
- Decision still some time away: Not before 2018

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- Europe: Slowly ramping up for next European Strategy
  - Development of CLIC and FCC case at CERN
  - New Study Group: Physics Beyond Colliders at CERN
  - Various regional workshops preparing input

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But: In here in particular we are reminded about the uncertainties surrounding big, expensive projects...



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# CALICE: Constantly Increasing Visibility

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- CALICE is a firmly established “brand name” throughout HEP
  - Most visible spin-off: CMS HGCal - the best possible advertisement, important to contribute (where possible) to the success of this project
- Many other experiments (big and small) are at least considering similar technology
  - Typical answer at the CERN Beyond Colliders WS to questions about detectors: “... maybe a CALICE - style detector...”

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Important: Please contribute to this visibility! If you write public news items about your CALICE - related activities (Science blogs, ILC Newslines / Facebook, ...) mention CALICE!

# The CALICE Program: Continued Progress

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- Progress on technical aspects and analysis
  - Testbeams with technical prototypes of all technologies - in part in synergy with CMS HGCal effort
  - Still wrapping up analyses with physics prototypes - in particular publications with FNAL data and combined detector systems “in the pipeline”

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  - Exchange on technical issues
  - Potential collaboration on analysis - CALICE interest here goes far beyond technical validation alone

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Our program is as interesting as ever - and I am looking forward to three days of hearing details about it!

**... enjoy the meeting...**

# ... and don't forget the Fun!

- Ready for Rodeo on Friday night?
- ▶ Get in touch with Felix!



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