

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered in the middle of the slide.

# MEETING INTRODUCTION

# WELCOME TO PERUGIA

- THANKS SIMONE FOR THE ORGANIZATION AND ALESSIO FOR THE NICE PUBLIC SEMINAR
- THE AGENDA IS VERY DENSE TODAY, TO ALLOW SOME CLEARANCE TOMORROW

The image features a light gray background with a subtle gradient. In the top-left and bottom-right corners, there are several realistic-looking water droplets of various sizes, some overlapping. The text is centered horizontally in the upper portion of the image.

**WHAT HAPPENED AFTER MID SEPTEMBER?**

# GOOD THINGS

- ISABELLA GOT R.T.D. B POSITION IN FERRARA
- GIULIO GOT THE INFN-IHEP FELLOWSHIP, STARTING SOON
- LIA GOT POSTDOC POSITION IN TURIN
- MARCO S. GOT PHD IN FERRARA
- BARBARA GRADUATED IN TURIN AND GOT THE PHD ON THE SMOG-2 EXPERIMENT
- ALESSIO AWARDED THE (SECOND) BEST PRESENTATION AT SIF NATIONAL CONGRESS 2019

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**THE FEST-RISE PROJECT IS APPROACHING**

# CGEM PROJECT: OVERALL STATUS

- LAYER 1 HAS BEEN VALIDATED THE FIRST WEEK OF OCTOBER.
  - HIGH CURRENT DRAINING RELATED TO HUMIDITY (INSIDE/OUTSIDE THE DETECTOR?) TO BE DEEPLY INVESTIGATED AT IHEP.
  - SUSPECT OF ONE MICRO-SECTOR BROKEN → TO BE FURTHER INVESTIGATED AT IHEP
  - ISSUES WITH SHIPPING...
- LAYER 3 CONSTRUCTION STARTED
  - AIM TO HAVE IT DONE BEFORE CHRISTMAS
  - ALL MATERIAL BUT RINGS ARRIVED (RINGS FOR THE ANODE SHIPPED TODAY, THE REMAINING LATER THIS WEEK)
- INTEGRATION: NO RELEVANT STEPS AHEAD SINCE THE SEPTEMBER WORKSHOP!!!
- SOFTWARE:
  - DIGITIZATION IN GOOD SHAPE
  - CLUSTER RECONSTRUCTION TO BE CHECKED
  - GLOBAL TRACKING ???

# CGEM: CRITICAL PATH

- A SESSION WITH SCHEDULE DISCUSSION IS ON THE AGENDA TOMORROW MORNING.
- LAYER 1 IS NOW ON THE CRITICAL PATH: THE RISK OF NOT BEING ABLE TO HAVE A SETUP WORKING FOR COSMICS BEFORE CHRISTMAS IS EXTREMELY HIGH.
- LAYER 3 IS AS ALWAYS ON THE CRITICAL PATH: WE NEED TO PLAN FOR THE SHIPMENT RIGHT AFTER THE HOLIDAY STOP.
- INTEGRATION: THE ABILITY TO HAVE GOOD DATA FOR PERFORMANCE EVALUATIONS IS NOT GRANTED AT THIS MOMENT.
- SOFTWARE: THE ABILITY TO HAVE PERFORMANCE MEASUREMENT WITH OFFICIAL SOFTWARE IS NOT CRITICAL ONLY FOR THE LACK OF DATA.

# CGEM: GOAL FOR THIS MEETING

- IMPROVE
  - PLANNING
  - COORDINATION
  - COMMUNICATION



# DATA ANALYSIS: OVERALL STATUS AND GOAL FOR THIS MEETING

- A GENERAL PICTURE OF THE ANALYSIS EFFORT WILL BE GIVEN BY FRANCESCA LATER THIS AFTERNOON.
  - Isovector and isoscalar components of the nucleons cross section.
  - Update of  $\psi(2S) \rightarrow \tau \tau$
  - Inclusive Measurement of hc in  $\psi(2S)$  decay
  - Phase measurement in  $\psi(2S) \rightarrow p\bar{p}$
  - Phase in  $\Psi' \rightarrow \pi^+\pi^-\psi$
  - Selections optimization for  $j/\psi \rightarrow K^+K^-$  via  $\psi(2S) \rightarrow \pi^+\pi^-\psi$
  - Update on  $j/\psi \rightarrow K^+K^-$  via  $\psi(2S) \rightarrow \pi^+\pi^-\psi$  without PID