

INTERNATIONAL MASTERCLASSES HANDS ON PARTICLE PHYSICS

International Masterclasses 2015
Central Coordination

SG meeting – 16.04.2015 - Paris

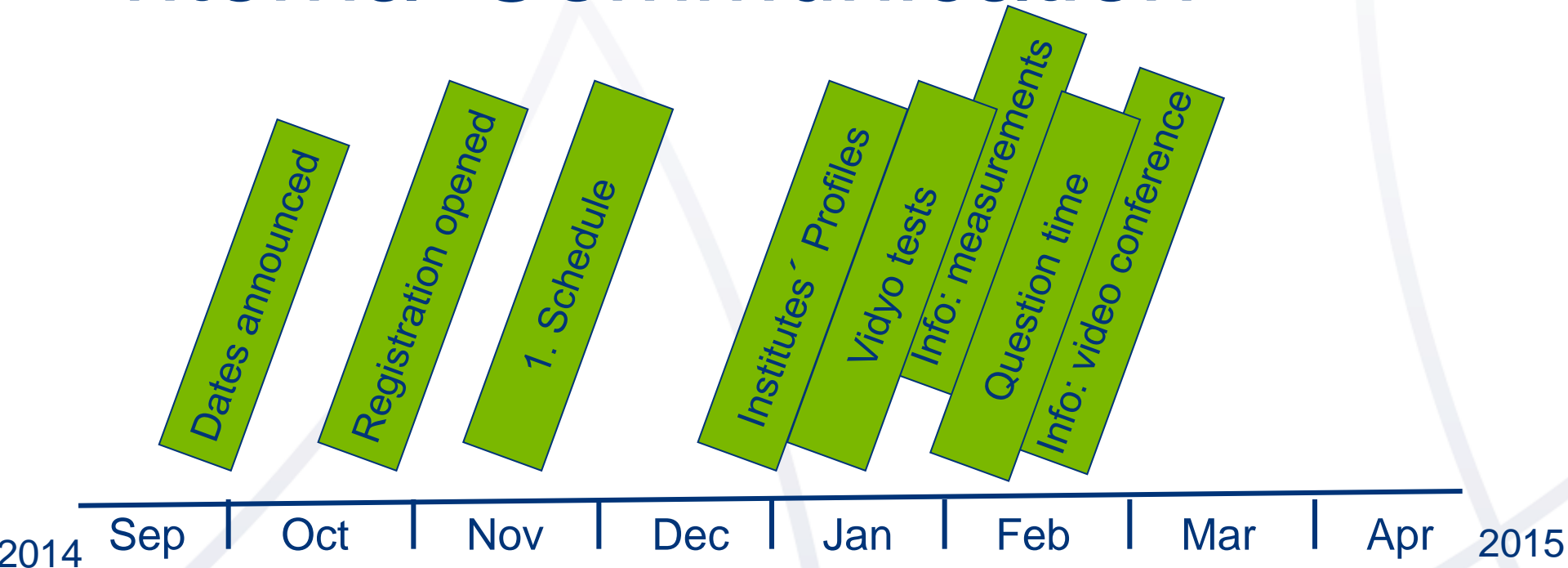


Opening Notes

- Central coordination all in Dresden Sept 2014 to Feb 2015
 - Bilow and Cecire in same office at IKTP
- Measurements stable
 - Question time via Vidyo (1 h each measurement)
- Media coverage
 - press release English/German (incl. template section for local activities) to be distributed by the institutes
 - Via EPPCN with help of HP
 - March – 11 entries (April tbd)
- A very good year



Internal Communication



- Circulars ~ 1 per month until Jan, then ~ 1 per week
- archive of circulars on „Local Organisation“ webpage, + more important material, e.g. manual for video conference, step-by-step orga list, templates ...

www.physicsmasterclasses.org/index.php?cat=local_organisation&page=organisation

Registration

- LHCb fully integrated, as promised
 - Registration via doodle, started on Oct. 16, date and procedure announced well before
 - Predefined slots, each limited to 5 participants → all VC with 2-5 participants (a few had only one)
 - ALICE and LHCb: discussed and agreed on common dates beforehand
- Procedure worked well
 - Exception: New institutes registering without giving contact details

Umfrage "International Masterclasses 2015 - ATLAS Z"													
http://doodle.com/b5iuwdcxxpbv3up8													
	Februar 2015					März 2015							
	Mi 25	Do 26	Sa 28	Mo 2	Di 3	Mi 4	Mo 9	Do 12	Fr 13	Sa 14	Mo 16	Di 17	Do 19
Heidelberg		OK											
METU Ankara	?				?		OK						?
Napoli	?	OK		OK	?								?
TU Dortmund	?				?								?
Porto, FCUP	?				?					OK			?
Faro, Univ.Algarve	?				?	OK							?
University of Granada	?				?				OK				?
University College London	?				?								?
University of Innsbruck	?	OK			?								?
Lisbon-FCUL	?		OK		?								?
Gothenburg, Chalmers University	?				?								?
Oujda University	?				?								?
University College Dublin	?				?		OK						?
Tübingen	?				?								?
LPSC Grenoble	?												OK
ENSA Al-Hoceima	?				?								?
Prague CU+Rakovnik	?				?								?
INFN Pisa	?				?			OK	OK				?
LAL Orsay	?							OK					?
Universidade da Beira Interior - Covilhã	?		OK		?								?
LPNHE Paris	?												?
Lodz	?				?					OK			?
Bologna	?				?								?
Milano	?	OK			?			OK					?
Berlin/DESY Zeuthen	?				?	OK							?
Thessaloniki	?				?	OK							?
University of Crete	?				?					OK			?
University of Zaragoza	?				?	OK							?
Lisboa, IST-1	?				?					OK			?
Beja, IPBeja	?		OK		?								?



Video conference / institutes

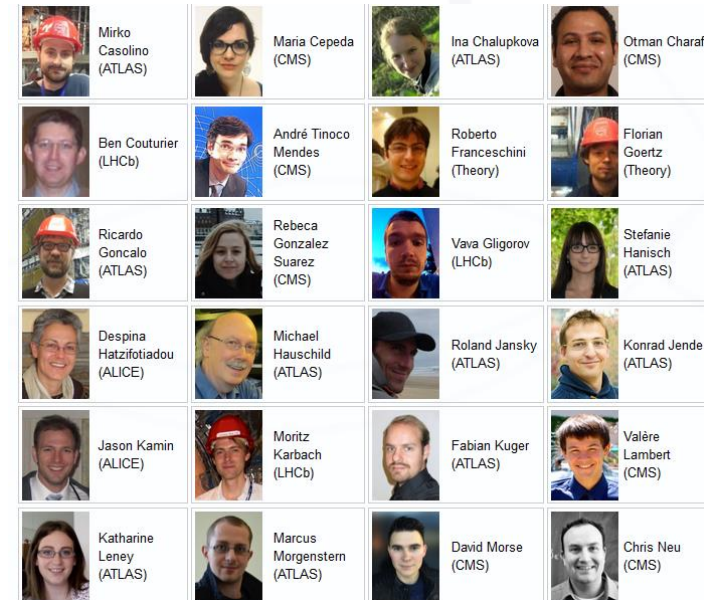
- CERN test period 2.2. – 18.2., ~80 slots offered by Joao + team
- Fermilab institutes connected for orientation or update
- Fully booked, alternatives offered:
 - tests with colleagues
 - Vidyo TV
- Manual updated

www.physicsmasterclasses.org/downloads/Manual_Videoconference_Organizers_v12.pdf



Video conference / CERN + FNAL

- Moderators: 47+18 (42+12), 40 % new
- Multiple recruiting channels
- WG VC (Kate → Katharine Leney, Michael, Marzena, Uta)
 - Manuals for VC for local organisers
 - Manual and twiki for moderators
 - Training for mod. at CERN 17.2.
- Preparation of rooms („chez Maureen“, CMS centre) + FNAL conference rooms
- Reward for moderators: T-shirt from the CERN shop (Rolf/Maureen)



+



Evaluation with CERN moderators

- Started 3 days ago, 17 answers so far
- Introduction rated 2.5 (on a 5 point scale)
- Twiki and manual good resources, some issues can be improved
- Many technical issues on institutes' side (bad audio, connecting too late, not muted)
- Some institutes not well prepared (no speakers selected, no questions collected)
- Improved setup in rooms at CERN requested, camera angle, screens, ...
- Very detailed feedback on measurements, will be made available



Funding and Support

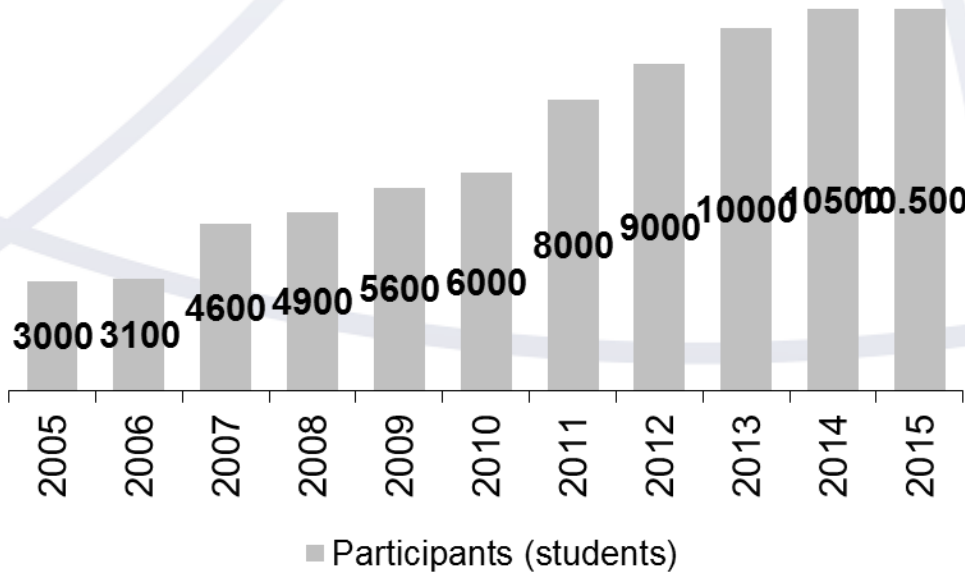
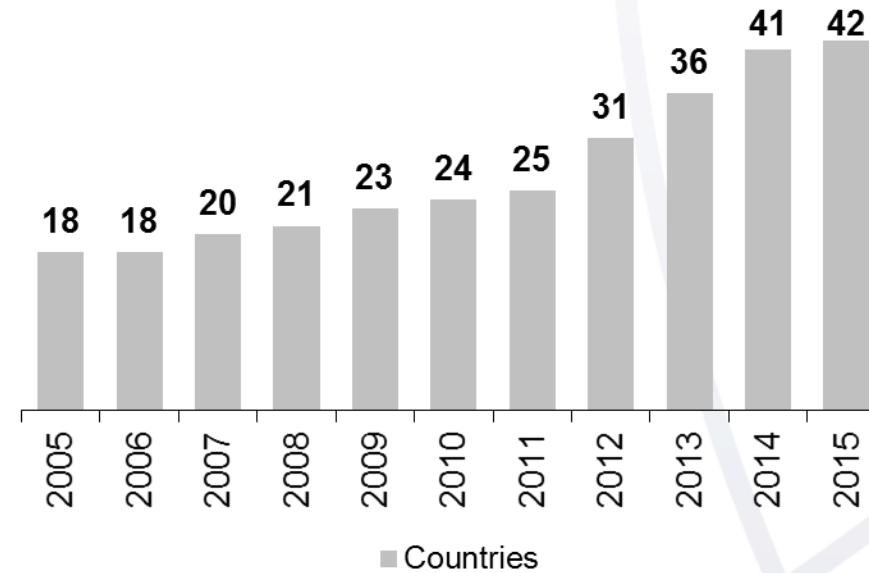
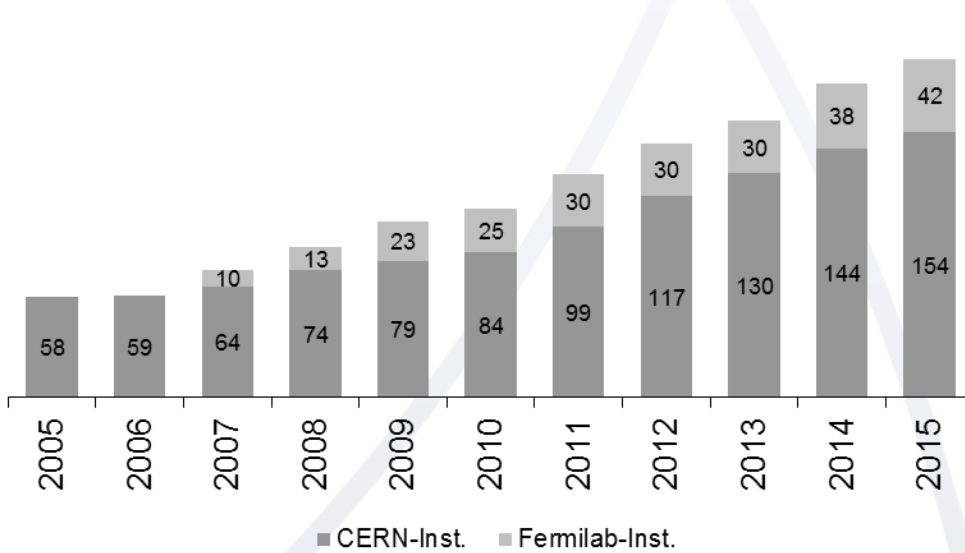
- **Coordinator (50 % FTE)**
2013-2015 funded by CERN (3 years)
- **QuarkNet staff** (time from salaried positions)
- **Co-coordinator at Dresden - TUD senior fellowship**
09/2014 – 02/2015
- **Student assistants:** TU Dresden
- **Funding from EPS HEPP Division**
- **in kind contributions** (CERN, FNAL, Vidyia team, moderators, ...)



42 Countries – New: Morocco



Participation Statistics



- 193 Institutes (154 + 42)
- 255 Masterclasses (213 + 45)
- 10.500 High-school students (estimated) incl. 1040 in Fermilab-



For Discussion

- Can we grow infinitely? What are the bottlenecks?
- ATLAS W vs. ATLAS Z, again decrease
- Several sessions (~12) cancelled on short notice
- Moderators report many poor prepared institutes
 - Institutes connecting very late
 - Noisy, not muted
 - Students not selected, questions not collected
- International Masterclass Day* in October or November

* Needs a better name?