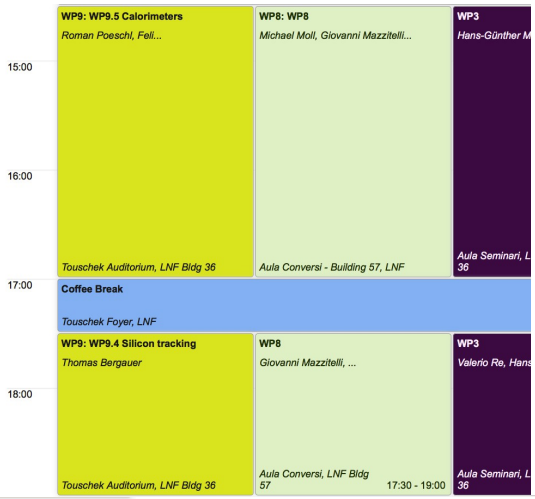
WP9 introduction

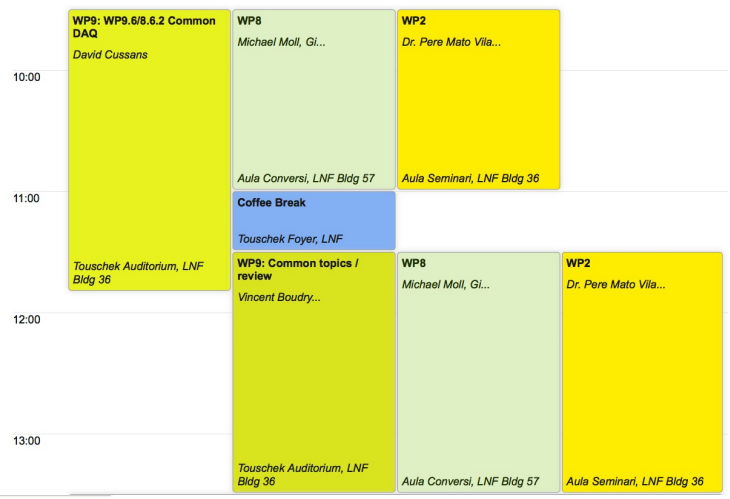
Vincent Boudry, Marcel Vos

AIDA is co-funded by the European Commission within the Framework Programme 7 Capacities Specific Programme, Grant Agreement 262025

- 2nd annual meeting: Goals
  - Review of activities :
    - quite some progress, milestones reached, no delay so far except on DAQ.
    - Several Deliverables in 2013, some of them “challenging”
  - Mid-Term Review on 26th of April @ LPNHE, Paris.
    - External board for scientific review
  - No parallel sessions for WP9 (limited attendance) + common review

Wednesday





Thursday

Tasks

- Task & TL:
  - 9.1 – **Management**: *Vincent Boudry, Marcel Vos*
  - 9.2 – **Gaseous Trackers** : *Paul Colas, Klaus Desch*
  - 9.3 – **Pixel Detectors** : *Ingrid Gregor, Doris Eckstein ↘*
    ⇒ Hanno Perrey and Igor Rubinsky ↗
  - 9.4 – **Silicon strips** : *Thomas Bergauer*
  - 9.5 – **Highly Granular calorimeters** : *Felix Sefkow, Roman Poeschl*
  - 9.6/8.6.2 – **Common DAQ** : *Dave Cussans*

- Tracking... of documents
  - Refer to AIDA for article, notes, presentation:
    "*AIDA is co-funded by the European Commission within the Framework Programme 7 Capacities Specific Programme, Grant Agreement 262025*"
  - Think of
    - AIDA notes for internal publications
    - Linking external AIDA related meetings to the indico
    - Phototheque→ Catherine Brandt

Milestones & Deliverables

FP7 IA project: AIDA		1st YEAR												2nd YEAR											
Task	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
8.6	Coordination of combined beam tests and common DAQ																		D						
9	**Advanced Infrastructure for detector R&D**																								
9.1	Coordination and communication																								
9.2	Gaseous Detector Facilities																							M M	
9.3	Precision Pixel Detectors													M M											
9.4	Silicon Tracking Devices													M											
9.5	Highly Granular Calorimetry																								M

FP7 IA project: AIDA		3rd YEAR												4th YEAR												
Task	Description	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	50
8.6	Coordination of combined beam tests and common DAQ												M										D			
9	**Advanced Infrastructure for detector R&D**																									
9.1	Coordination and communication																						D			
9.2	Gaseous Detector Facilities										D			D			D									
9.3	Precision Pixel Detectors									D				D												
9.4	Silicon Tracking Devices															D										
9.5	Highly Granular Calorimetry						M M						M M				D M						D			

We are here

Milestones & Deliverables

Delive-rable Number [61]	Deliverable Title	Lead benefi-ciary number	Estimated indicative person-months	Nature [62]	Dissemi-nation level [63]	Delivery date [64]
D9.1	Infrastructure for thermo-mechanical measurements	9	45.00	O	PU	33

D9.1) Infrastructure for thermo-mechanical measurements: Different components of the infrastructure for thermo-mechanical tests are shipped to DESY and assembled. The performance of the infrastructure will be evaluated using a few selected prototype sensors before it becomes available for the user community. (Task 9.3) [month 33]

D9.2	MPGD development infrastructure	1	54.00	O	PU	34
D9.3	Large TPC infrastructure	9	76.00	O	PU	37
D9.4	Integrated Telescope arm	1	204.00	O	PU	37
D9.5	Silicon micro-strip ladders	2	126.00	O	PU	39
D9.6	Pixel read-out for gaseous detectors	12	27.00	O	PU	40
D9.7	Integrated infrastructure for highly granular calorimeters	9	153.00	O	PU	40

WP9 Task list

- 9.2 = Gaseous detector facilities
  - 9.2.1 = LCTPC infrastructure
  - 9.2.2 = MPGD workshop upgrade
  - 9.2.3 = Read out
  - TL = Paul Colas (Saclay), Klaus Desch (Bonn)
- 9.3 = Precision Pixel Detector Infrastructure
  - 9.3.1 = Build on the EUDET telescope
  - 9.3.2 = Off beam (thermo mechanical bench)
  - TL = Ingrid Gregor (DESY)
- 9.4 = Silicon Tracking
  - TL = Thomas Bergauer (HEPHY)
- 9.5 = Granular calorimeter studies infrastructure
  - 9.5.1 = AHCAL
  - 9.5.2 = DHCAL
  - 9.5.3 = ECAL
  - 9.5.4 = FCAL
  - TL = Felix Sefkow (DESY) ; Roman Poeschl (LAL)