

WP6: Introduction

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- WP6 reports
 - Please keep to allocated time
 - Plenary talk on Friday 9:00AM by P. Dervan

- WP6 Status
 - Coordinators
 - Milestones
 - Deliverables
 - Publications

Coordinators

- **A. Gaudiello** was coordinating WP6.4 (Hybridization)
 - Move to the (semiconductor) industry 1/2018
 - Since WP6.4 will mostly end with report under preparation (M40), will not replace
- **S. Worm** acting as WP6.3 (Sensor) coordinator
 - Meetings, report and also general WP issues

Milestones

Milestones

Mil. no.	Milestone name	WP no.	Planned delivery date	Actual delivery date	Status	Comments
MS7	Simulation workshop on HV/HR-CMOS TCAD and Geant4 simulations	6	M6	26/05/2016	Achieved	Justification for delay Report
MS11	MPWR submission	6	M12	03/06/2016	Achieved	Report
MS26	First test beam campaign with initial sensor prototype assemblies	6	M16	21/12/2016	Achieved	Report
MS27	First irradiation campaign with sensor prototype assemblies	6	M16	21/12/2016	Achieved	Report
MS28	First functional HV/HR-CMOS assembly with capacitive interconnection	6	M16	30/09/2016	Achieved	Report
MS48	Simulation tutorial on HV/HRCMOS TCAD and Geant4 simulations	6	M24	28/04/2017	Achieved	Report

- Milestones met

Deliverables

Deliverable Number ¹⁴	Deliverable Title	Lead beneficiary	Type ¹⁵	Dissemination level ¹⁶	Due Date (in months) ¹⁷
D6.1	TCAD libraries	8 - CNRS	Other	Confidential, only for members of the consortium (including the Commission Services)	40
D6.2	Sensor-design guidelines	13 - UBONN	Report	Public	46
D6.3	Performance characterisation results	35 - UoB	Report	Public	46
D6.4	Radiation tolerance assessment	8 - CNRS	Report	Public	46
D6.5	Optimised interconnection process	33 - UNILIV	Report	Public	42
D6.6	Assemblies delivered	25 - IFAE	Demonstrator	Public	40
D6.7	Recommendation for industrialisation	17 - INFN	Report	Public	46
D6.8	Final report on HV/HR CMOS devices	11 - KIT	Report	Public	46

Annotations: Red boxes around due dates 46 and 40. Red arrows point from 46 to 58 for D6.3, D6.4, and D6.8.

- Deliverables tend to accumulate towards the end of the project
- D6.1 and D6.6: CPPM and IFAE working on reports
- D6.3, D6.4 and D6.8: would be delayed (to M58) if extension is approved
 - *Will know approx end of July (?)*

Publications

- Importance of publications as project outcome
- WP6 publication list:

- **Link to WP6 publications**

<http://cds.cern.ch/search?c=AIDA-2020&op1=a&op2=a&p1=65017a%3A%226%3A+Novel+high+voltage+and+resistive+CMOS+sensors%22&p3=>

- Only 9 publications in the list above (rest are mostly reports)

- Several publications “lost” due to lack of acknowledgment:

"Supported by the H2020 project AIDA-2020, GA no. 654168."