
MONOLITHIC SiGe BiCMOS PIXEL DETECTORS: ULTRA FAST TIMESTAMPING PERFORMANCE AND TeV-SCALE PHOTON DETECTION.

2021 - 2025



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Contents

1	Introduction	2
1.1	The MONOLITH ERC Advanced project: ultra-fast timing	4
1.2	The FASER experiment: looking forward for new Physics	4
2	Monolithic silicon pixel detectors	5
2.1	Fundamentals of semiconductors 5 pages	6
2.1.1	Intrinsic and doped semiconductors 3 pages	6
2.1.2	Junctions and external voltage 1 pages	7
2.1.3	Current and capacitance behavior 1 pages	7
2.2	Signal formation and charge carrier transport 5 pages	7
2.2.1	Drift of electrons and holes 1 pages	7
2.2.2	Weighting field and Shockley-Ramo theorem 2 pages	7
2.2.3	Space charge and signal formation 2 pages	7
2.3	Pixelated detector technologies 4 pages	7
2.3.1	Hybrid pixel detectors 2 pages	7
2.3.2	Monolithic pixel detectors 2 pages	7
2.4	Signal amplification 4 pages	7
2.4.1	Charge-sensitive amplifier 2 pages	7
2.4.2	Pulse shaping and amplifier characteristics 2 pages	7
2.5	Electronic noise 2 pages	7
2.5.1	Noise sources 1 pages	7
2.5.2	Equivalent Noise Charge 1 pages	7
2.6	Effects of radiation 4 pages	7
2.6.1	Processes involved 2 pages	7
2.6.2	Consequences of damages and solutions 2 pages	7
3	The MONOLITH ERC project: ultra-fast timing (28 pages)	8
3.1	Timing detectors in HEP 2 pages	8
3.2	The recipe for ultra-fast timing 8 pages	8
3.2.1	SiGe BiCMOS HBTs 4 pages	8
3.2.2	Picosecond Avalanche Detector: PicoAD 4 pages	8
3.3	Time resolution of silicon pixel detectors 6 pages	8
3.3.1	Time jitter 2 pages	8
3.3.2	Time walk 2 pages	8
3.3.3	Fixed threshold vs. Constant Fraction Discriminator 2 page	8
3.4	Prototypes and characteristics 12 pages	8
3.4.1	MONOLITH prototypes 6 pages	8
3.4.2	PicoAD prototypes 6 pages	8

4	Performance characterization of MONOLITH and PicoAD prototype (40 pages)	9
4.1	Testbeam at SPS testbeam facility 26 pages	9
4.1.1	Layout of test beam experiment 3 pages	9
4.1.2	The FE-I4 telescope: track reconstruction 3 pages	9
4.1.3	Analysis methods and dataset construction 5 pages	9
4.1.4	Detection efficiency 6 pages	9
4.1.5	Time resolution 9 pages	9
4.2	Effects of radiation 14 pages	9
4.2.1	Radiation tolerance MONOLITH prototypes 5 pages	9
4.2.2	Gain and time jitter of irradiated PicoAD prototypes 3 pages	9
5	FASER: Looking forward to Long-Lived-Particles (19 pages)	10
5.1	The ForwArd Search ExpeRiment 6 pages	10
5.1.1	Original detector layout 4 pages	10
5.1.2	Charged decay products 2 pages	10
5.2	Physics program 4 pages	10
5.3	Axion-Like-Particles decays into di-photon 9 pages	10
5.3.1	Motivation of the ALP model 5 pages	10
5.3.2	Production and decay within FASER 4 pages	10
6	The new FASER Pre-Shower detector (14 pages)	11
6.1	Detector design 6 pages	11
6.1.1	Layout of the pre-shower 2 pages	11
6.1.2	Sub-detector components 4 pages	11
6.2	ASIC description 6 pages	11
6.2.1	Requirements 2 pages	11
6.2.2	Architecture 4 pages	11
6.3	Readout and detector control 4 pages	11
6.3.1	Readout 2 pages	11
6.3.2	Logic Board and APP 2 pages	11
7	Development of the new FASER Pre-shower detector (37 pages)	12
7.1	Pre-Production ASIC characterization 6 pages	12
7.1.1	ASIC description 3 pages	12
7.1.2	Time-Over-Threshold mismatch 3 pages	12
7.2	Production ASIC description 3 pages	12
7.3	Detector qualification and comissionning 19 pages	12
7.3.1	Module assembly 3 pages	12
7.3.2	Characterization set-up 3 page	12
7.3.3	Front-End working points 2 page	12
7.3.4	Threshold and Noise scans 4 pages	12
7.3.5	Load scan and Charge calibration 4 pages	12
7.3.6	Plane assembly 3 pages	12
7.4	Trigger and Data Acquisition: TDAQ 9 pages	12
7.4.1	Slow-Control and ASIC configuration 3 pages	12
7.4.2	Readout and Data conversion 3 pages	12
7.4.3	Data corruption and solutions 3 pages	12
8	Outlook and conclusion (4 pages)	13
