

NIM articles for the CLAS12 system outline Status – 12/6/18

Components	Lead	Completion status/comments
Silicon Vertex Tracker	Y. Gotra/L. Elouadrhiri	75% Complete / On Github
Micro Megas Tracker	F. Sabatie/F. Bossu/M. Defurne	> 50% complete
Central Time-of-Flight Detector	D. Carman	75% complete
Central Neutron Detector	S. Niccolai	far advanced (1 paper published)
High Threshold Cherenkov Counter	Y. Sharabian	No information
Drift chambers	M. Mestayer	No information
Low Threshold Cherenkov Counters	M. Ungaro	25%, complete / on Github
Ring Image Cherenkov Detector	P. Rossi/M Contalbrigo	Expect progress by end of January
Forward Time-of-Flight	D. Carman/R. Gothe	Draft complete (2 papers)
Electromagnetic Calorimeter	S. Stepanyan/C. Smith	30% complete/ On Github
Forward Tagger	M. Battaglieri/R. De Vita	20%, significant progress by January
Beamline	S. Stepanyan/ B. Raue	Expect significant progress by January
Online/Data Acquisition/Trigger	S. Boiarinov/V. Koubarovski	2 papers: DAQ/Trigger
Simulations	M. Ungaro	1 paper for CLAS12 simulations
Offline event reconstruction	V. Ziegler/R. De Vita	2 papers offline/Reconstruction
Torus & Solenoid magnets	V.Burkert, R. Fair, D. Kashy	Significant progress by January
Slow Control	N. Baltzell	no info
Overview paper	V .Burkert , L. Elouadrhiri	1/3 complete, expect progress by January