

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

Components	Lead	Completion status/comments
Silicon Vertex Tracker	Y. Gotra/L. Elouadrhiri	75%
Micro Megas Tracker	F. Sabatie/F. Bossu/M. Defurne	> 50%
Central Time-of-Flight Detector	D. Carman	1/3 – 1/2 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%,
Ring Image Cherenkov Detector	P. Rossi/M Contalbrigo	progress by end of January
Forward Time-of-Flight	D. Carman/R. Gothe	Draft complete (2 papers)
Electromagnetic Calorimeter	S. Stepanyan/C. Smith	Started, will work over holidays
Forward Tagger	M. Battaglieri/R. De Vita	20%, significant progress by January
Beamline	S. Stepanyan/ B. Raue	1/3, expect progress by January
Online/Data Acquisition/Trigger	S. Boiarinov/V. Koubarovski	2 papers: DAQ/Trigger
Hall B Infrastructure	E. Pasyuk	Significant progress by January
Simulations	M. Ungaro	10%, expect 1/3 by January
Offline event reconstruction	V. Ziegler/R. De Vita	2 papers offline/Reconstruction
Torus & Solenoid magnets	V.Burkert, R. Fair	Significant progress by January
Slow Control	N. Baltzell	no info
Overview paper	V .Burkert , L. Elouadrhiri	1/3, expect progress by January