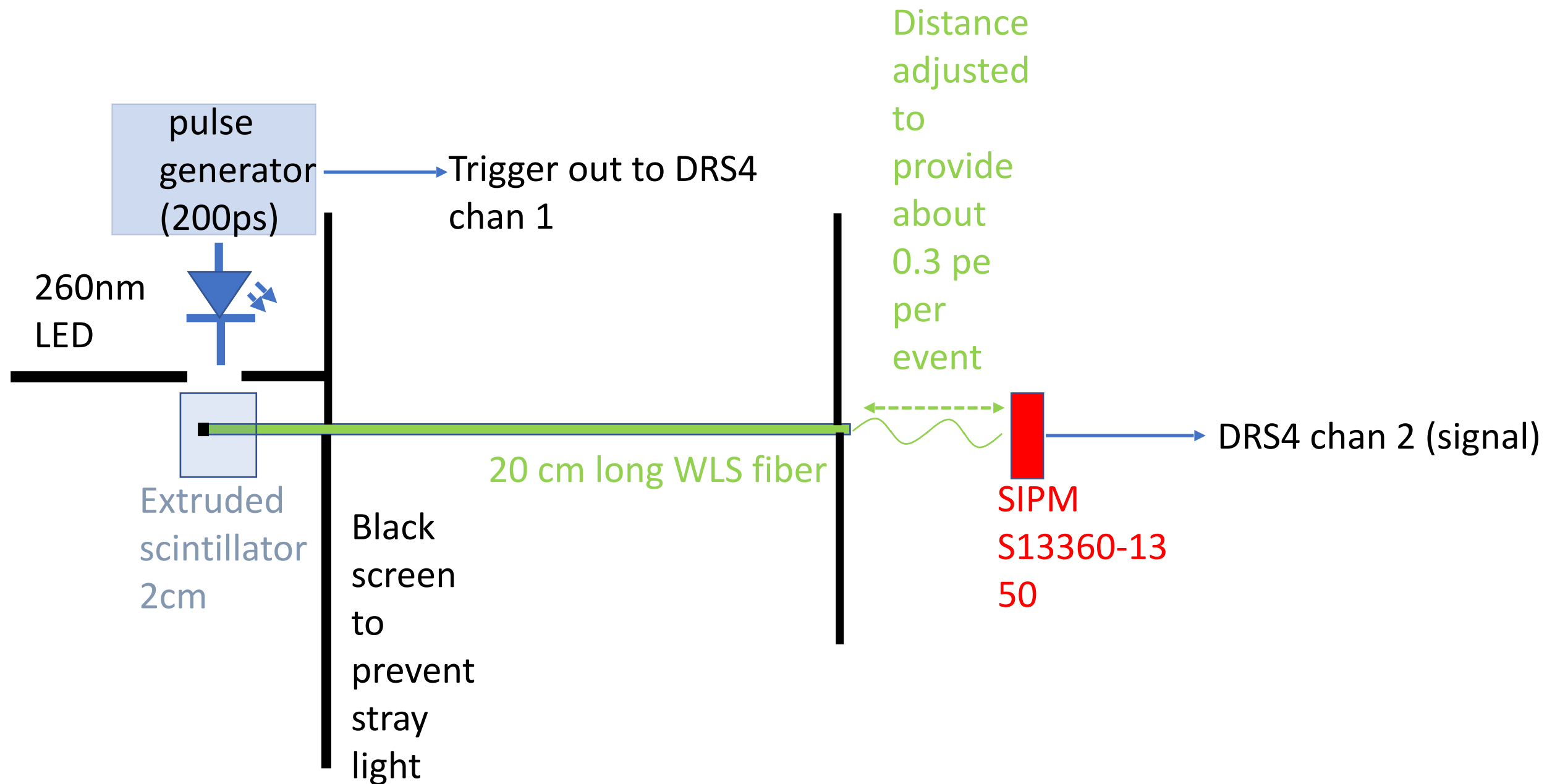


WLS Decay Time Measurement

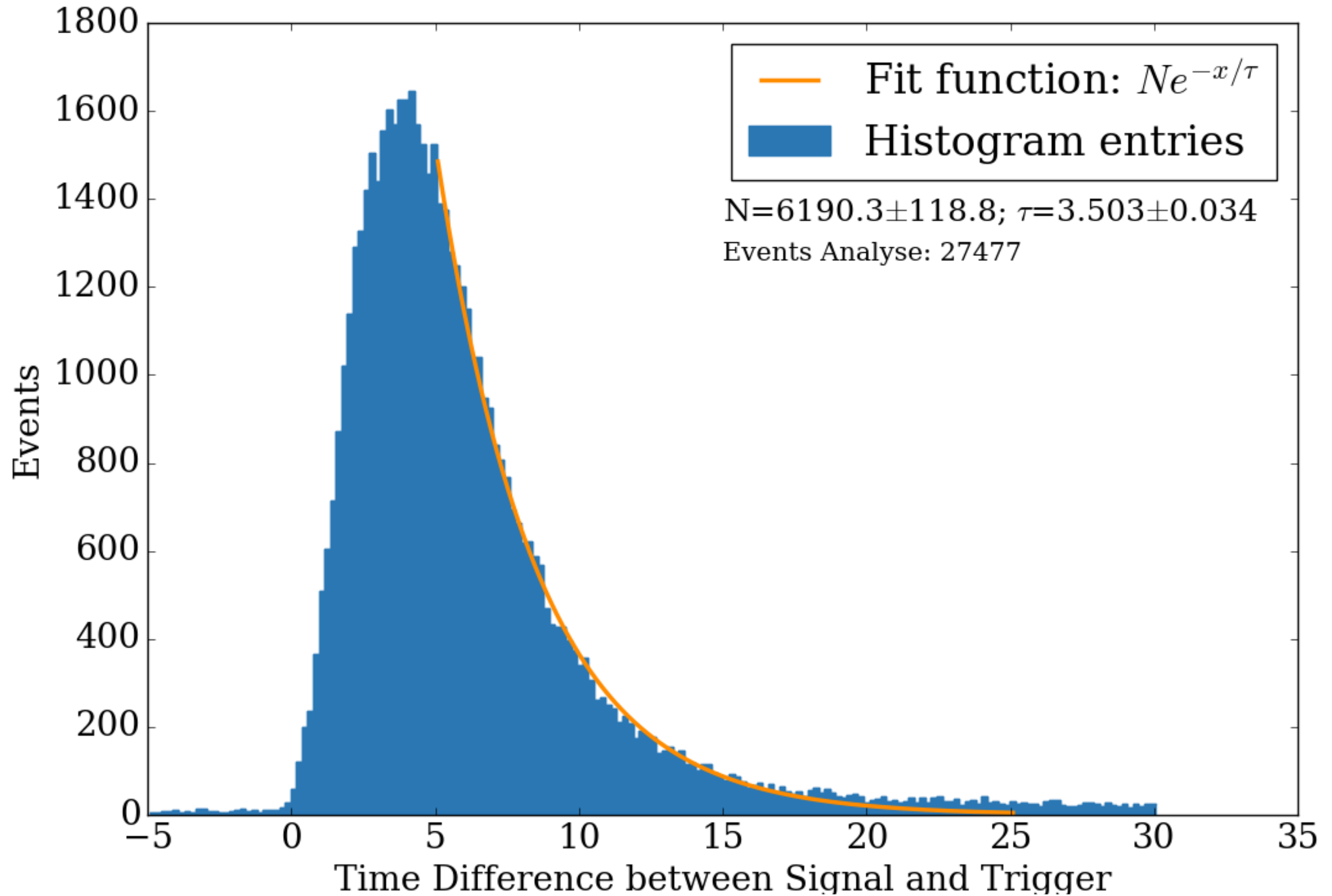
September 29 2021

Keane Tan (University of Rochester)
Jim Freeman (Fermilab)

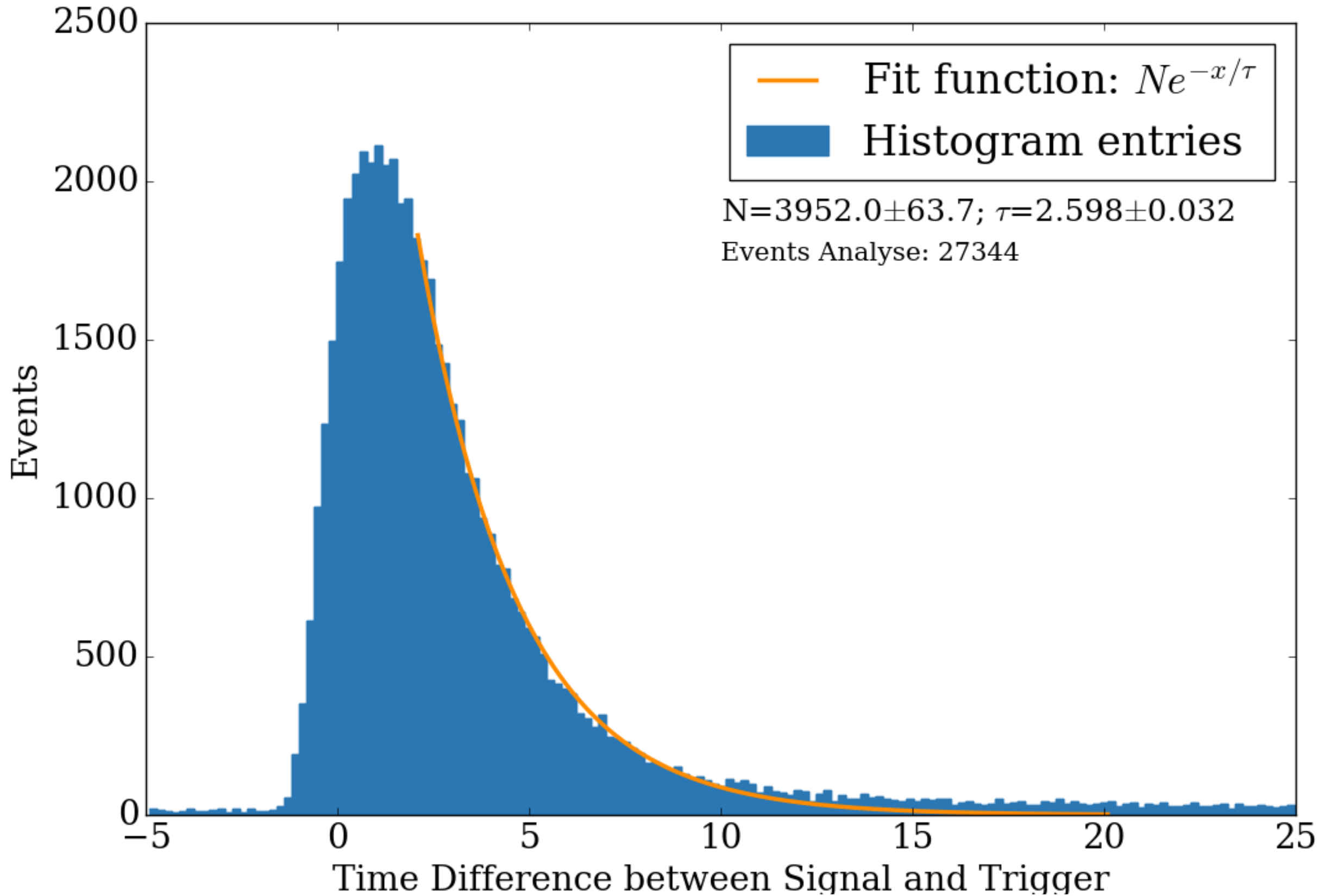
WLS decay time measurement setup (2)



Sep_14_260nm_Uniplast_5cm_long_excites_BCF92_SIPM_1350_56V



Sep_14_260nm_Uniplast_5cm_long_excites_SIPM_1350_56V



Results

Setup Description	Date	Fiber	Setup	Decay Time Constant (ns)
405nm_fiber_to_SIPM	July 15	BCF92	1	1.695 (0.027)
	July 8	Y11	1	7.193 (0.157)
	July 11	1MJ	1	2.885 (0.032)
	July 11	2MJ	1	3.531 (0.049)
	Sep 10	4MJ	1	1.577 (0.011)
	Sep 10	6MJ	1	1.298 (0.011)
260nm_0_offset_straight_to_SIPM	July 16	-	2	0.371 (0.012)
260nm_0_offset_extrusion_excites_SIPM	July 16	-	2	3.74 (0.11)
260nm_0_offset_extrusion_excites_fiber_excites_SIPM	July 16	BCF92	2	5.01 (0.20)
	July 16	Y11	2	11.04 (0.39)
260nm_extrusion_excites_SIPM	July 28	-	2	3.945 (0.093)
260nm_triggerSIPM_extrusion_excites_fiber_excites_SIPM	July 22	BCF92	2	5.109 (0.105)
	July 22	Y11	2	11.680 (0.112)
	July 22	1MJ	2	6.021 (0.091)
	July 22	2MJ	2	6.794 (0.077)
	July 27	BCF92	2	5.167 (0.078)
	July 27	Y11	2	11.533 (0.098)
	July 28	Blue Fiber 1MJ	2	5.861 (0.077)
	July 28	Green Fiber 2MJ	2	6.659 (0.071)
260nm_Uniplast_5cm_long_excites_SiPM	Sep 14	-	2	2.598 (0.032)
260nm_Uniplast_5cm_long_excites_fiber_excites_SiPM	Sep 14	BCF92	2	3.503 (0.034)
Bi207_source_excites_extrusion_excites_fiber_excites_SIPM	July 19	BCF92	3	5.22 (0.17)
	July 23	Blue Fiber 1MJ	3	5.596 (0.084)