BIPM-APMP CBKT Training on Timescale and Algorithms ("TTA2020")
1-3 July 2020 at Grand Sukhumvit Hotel Bangkok, Bangkok, Thailand

Program Draft (* plan of 12 February 2020)

Day 1 Wednesday 1 July	08:30 - 09:00		Registration
	09:00 - 09:15		Opening addresses
			Basic knowledge to realize a timescale
	09:15 - 10:30	L1	Generation of UTC timescale
	10:30 - 11:00		Coffee break
	11:00 - 11:30	L2	Realization of UTC(k)
	11:30 - 12:00	L3	How to design actual system
	12:00 - 13:00	L4	Example of actual UTC(k) systems
	13:00 - 14:00		Lunch
			Clock data analysis
	14:00 - 15:00	L5	Clock behaviour and model
	15:00 - 15:30	E1	Exercise 1: - Checking typical noise, training of Allan deviation estimation tool
	15:30 - 16:00		Coffee break
	16:00 - 17:30	E1	Exercise 1: - Checking typical noise, training of Allan deviation estimation tool
			Welcome dinner
Day 2 Thursday 2 July			Time comparison of timescale
	09:30 - 10:30	L6	Time comparison by GNSS
	10:30 - 11:00		Coffee break
			Measurement and data acquisition
	11:00 - 12:30	L7	Careful points in measurements, Errors, Calibration

	12:30 - 13:00	E2	Exercise 2: - Checking measurement data data retrieval, plotting, selecting, filtering, best fit
	13:00 - 14:00		Lunch
	14:00 - 15:00	E2	Exercise 2: - Checking measurement data data retrieval, plotting, selecting, filtering, best fit
	15:00 - 15:30	E3	Exercise 3: - Anomaly detection (outlier removal, jump in frequency)
	15:30 - 16:00		Coffee break
	16:00 - 17:30	E3	Exercise 3: - Anomaly detection (outlier removal, jump in frequency)
Day 3 Friday 3 July			Simulation of an ensemble timescale
	09:30 - 10:30	L8	Calculation process of averaged atomic timescale
	10:30 - 11:00		Coffee break
	11:00 - 13:00	E4	Exercise 4: - Computing an average timescale (simulation)
	13:00 - 14:00		Lunch
	14:00 - 15:30	E5	Exercise 5: - Supplementary training (grouping as different subject)
	15:30 - 16:00		Coffee break
			General framework
	16:00 - 16:30	L9	Regional framework
	16:30 - 17:00	L10	International framework
	17:00 -17:30		Closing address