

2012 SIM TFWG Workshop and Planning Meeting Agenda

Horario/Time	Duración/Duration	Title	Presenter
Monday, October 15, 2012			
8:30 – 9:30	60 minutos 60 minutes	<p>Bienvenida y presentación del CENAM</p> <p>Welcome to CENAM presentation and a look at the CENAM time and frequency laboratory</p>	Mauricio Lopez, CENAM
9:30 – 10:30	60 minutos 60 minutes	<p>Keynote Address</p> <p>Introduction to Time and Timekeeping</p>	Judah Levine, NIST
10:30 – 11:00	30 minutos 30 minutes	Coffee Break	
11:00 – 12:00	60 minutos 60 minutes	<p>Conceptos generales de la metrología de tiempo y frecuencia</p> <p>Fundamental concepts of Time and Frequency Metrology</p>	Michael Lombardi, NIST
12:00 – 1:00	60 minutos 60 minutes	Lunch	
1:00 – 3:00	2 hora 2 hours	<p>Dominio del tiempo Time domain measurements</p> <p>Generación y medición de frecuencia Frequency Generation and frequency measurement</p> <p>mediciones directas Direct measurements</p> <p>mezcla de frecuencia single mixer frequency measurements</p> <p>doble mezcla de frecuencia double mixer frequency measurements</p>	Francisco Jiménez, CENAM
3:00 – 3:30	30 minutos 30 minutes	Coffee Break	
3:30 – 4:30	60 minutos 60 minutes	<p>Análisis estadístico de mediciones</p> <p>Statistical analysis of measurements</p>	Mauricio Lopez, CENAM

		<ul style="list-style-type: none"> * Desviación de Allan / Allan deviation * Desviación modificada de Allan / Modified Allan deviation * Desviación temporal / Time deviation 	
4:30 – 5:00	30 minutos 30 minutes	Group discussion and questions	
Tuesday, October 16, 2012			
8:30 – 9:30	60 minutos 60 minutes	Rubidium and Cesium Clocks	Mauricio Lopez, CENAM
9:30 – 10:30	60 minutos 60 minutes	Sistema de Posicionamiento Global Global Positioning System	Michael Lombardi, NIST
10:30 – 11:00	30 minutos 30 minutes	Coffee Break	
11:00 – 12:00	60 minutos 60 minutes	Common-View Measurements, the SIM Time Network, and Contributing to TAI	Michael Lombardi, NIST
12:00 – 1:00	60 minutos 60 minutes	Lunch	
1:00 – 2:00	60 minutos 60 minutes	Escalas de tiempo Time scales * UT0, UT1, EAL, TAI, UTC / UT0, UT1, EAL, TAI, UTC	Ricardo de Carvalho, ONRJ
2:00 – 3:00	60 minutos 60 minutes	Building an Ensemble Time Scale from Multiple Atomic Clocks	Judah Levine, NIST
3:00 – 3:30	30 minutos 30 minutes	Coffee Break	
3:30 – 4:30	60 minutos 60 minutes	The SIM Time Scale Contributing Labs Non-contributing Labs and SIMT disciplined oscillators	Mauricio Lopez, CENAM
4:30 – 5:00	30 minutos 30 minutes	Group Discussion	
Wednesday, October 17, 2012			
8:30 – 9:30	60 minutos 60 minutes	The Network Time Protocol, distributing the national time through NTP	Judah Levine, NIST
9:30 – 10:30	60 minutos 60 minutes	NTP Measurements Made at CENAM, demonstration and overview	Francisco Jiménez, CENAM
10:30 – 11:00	30 minutos 30 minutes	Coffee Break	

11:00 – 12:00	60 minutos 60 minutes	CMCs and the BIPM Key Comparison Database (group discussion)	Raul Solis, CENAMEP
12:00 – 1:00	60 minutos 60 minutes	Lunch	
1:00 - 4:30	Each report is limited to about 15 minutes, but can be shorter, we encourage group discussion and questions during all presentations		
1:00 – 1:15		Antigua Lab Report	Alan Michael
1:15 – 1:30		Argentina Lab Report	Daniel Perez
1:30 – 1:45		Bolivia Lab Report	Franklin Espejo Alcázar
1:45 – 2:00		Brazil Lab Report	Ricardo de Carvalho
2:00 – 2:15		Canada Lab Report	Michael Lombardi
2:15 – 2:30		Chile Lab Report	Daniel Mayorga
2:30 – 2:45		Columbia Lab Report	Gustavo Chaparro
2:45 – 3:00	Break		
3:00 – 3:15		Ecuador Lab Report	Angel Cristobal Castro Berries
3:15 – 3:30		Mexico Lab Report	Mauricio Lopez
3:30 – 3:45		Panama Lab Report	Raul Solis
3:45 – 4:00		Paraguay Lab Report	Raúl González Paredes
4:00 – 4:15		Saint Lucia Lab Report	Kevin Charlemagne
4:15 – 4:30		United States Lab Report	Michael Lombardi
4:30 – 5:00		Closing Remarks and Discussion	
5:00 – 6:00		Tour of CENAM	