www.agilent.es

Seminario sobre: "Nuevas técnicas de medida con Osciloscopios de Tiempo Real – Análisis en Sistemas de Comunicación y Buses Serie de Última Generación"

Agilent Technologies le invita a participar en este seminario, que tendrá lugar en las siguientes fechas y lugares:

Valladolid (11 Noviembre), Madrid (15 de Noviembre), Valencia (16 Noviembre), Barcelona (17 de Noviembre), Sevilla (23 de Noviembre), Málaga (24 de Noviembre), San Sebastián (29 de Noviembre), Santander (30 de Noviembre) y Vigo (2 de Diciembre)

En la actualidad el incremento en la complejidad e integración en los diseños nos plantean nuevos retos a la hora de medir una señal en diferentes posiciones de forma precisa y repetitiva, además debemos tener en cuenta que los múltiples elementos de nuestro sistema de medida presentan pérdidas intrínsecas y derivas que deben ser especialmente tenidas en cuenta cuando llevamos a cabo medidas de integridad de señal con nuestro osciloscopio.

Así mismo la evolución de los diferentes sistemas y buses de comunicación provocan que sea necesario disponer de nuevas herramientas que nos permitan depurar estos escenarios en el menor tiempo posible.

En este seminario, presentaremos las nuevas soluciones para la corrección de pérdidas asociadas a los elementos de nuestro sistema de medida; se mostrará la depuración de diferentes señales de comunicación mediante osciloscopios así como las técnicas para la caracterización del jitter en buses serie.

La agenda de la jornada será la siguiente:

09:00 - Recepción y entrega de documentación.
09:15 - Fundamentos de De-Embedding mediante osciloscopios de tiempo real.
10:15 - Caracterización y corrección de las pérdidas inherentes a los elementos de nuestro sistema de medida.
11:15 - Café.
11:45 - Generación y Análisis de señales de comunicaciones mediante nuevos generadores de forma de onda arbitraria AXIe y osciloscopios Infiniium de altas prestaciones
12:45 - Medidas de jitter sobre buses serie de alta velocidad.
13:45 - Cierre.

La inscripción a este seminario es gratuita y el número de plazas limitado. Puede inscribirse a través de la página web: http://www.agilent.es/find/nuevas_tecnicas_medida_osciloscopios, llamando al 916313300 o si lo prefiere envíe un mensaje con sus datos de contacto a contactcenter_spain@agilent.com, especificando el día y lugar al que desea asistir.

Ref. Nº 1111571

Presentación anual de las novedades tecnológicas y nuevos productos de Agilent Technologies a los medios de comunicación

El pasado mes de Octubre (días 4 a 6), Agilent Technologies celebró su 2011 Press Event , en la bella ciudad de Praga. Como es sabido este evento de carácter anual tiene por objeto presentar a los medios de información especializados de toda Europa, los más importantes avances en investigación y desarrollo en diversos campos de la electrónica de medida y prueba, así como de los productos de ellos derivados, llevados a buen puerto por la Compañía.

A continuación insertamos en inglés las introducciones de los productos y novedades allí presentados. Los lectores interesados pueden obtener información detallada de los mismos en nuestra página web, en los enlaces reseñados al final de cada resumen.

Agilent Technologies Introduces 2.4-GHz Dual-Core PXIe Embedded Controller for Functional Test Systems

Dual x8 PCI Express® links deliver 4GB/sec for peer-to-peer applications in combination with the Agilent M9018A PXIe chassis

Agilent Technologies has announced the M9036A modular PXIe embedded controller. The M9036A is a compact, three-slot controller designed to take advantage of the x8 PCI Express® links when using the Agilent M9018A PXIe chassis.

Together, the M9036A controller and M9018A chassis provide customers with the highest-throughput PXI test platform for peer-to-peer applications. This platform is capable of integrating legacy PXI instruments into the hybrid slots of the chassis while providing up to 8 GB/sec of system bandwidth with dual x8 express links to handle the most demanding RF, uW and streaming applications such as the need to transfer data between cards without involving the controller. The controller can also operate in a four-link configuration, providing compatibility with existing PXIe chassis.

http://www.redeweb.com/_txt/684/agil/PREM11081.pdf

Agilent Technologies Announces the Industry's First High-Speed AXIe Digitizer for Large-Scale Applied Physics

Agilent Technologies has introduced the high-speed M9703A digitizer, the industry's first eight-channel, 12-bit digitizer that complies with the AXIe open standard. The AXIe digitizer is designed for use in large-scale applied physics applications.

The M9703A digitizer is capable of use in large-scale system configurations that pack, 40 channels within a single 4U Agilent M9505A AXIe chassis or 80 channels into just 8U of rack-mount space giving it twice the channel density of comparable solutions. This makes the new digitizer well-suited for challenging experiments in particle physics, nuclear fusion, hydrodynamics and microwave radio astronomy.

http://www.redeweb.com/_txt/684/agil/PREM11085.pdf

Agilent Technologies Offers Enhancements for Ease of Use, Wider Functionality on Handheld Spectrum Analyzers

Agilent Technologies has announced it is adding new features and options to its recently launched N934xC handheld spectrum analyzer (HSA) family. The introduction also includes HSA PC software enhancements.

http://www.redeweb.com/_txt/684/agil/PREM11089.pdf

Agilent Technologies Introduces Industry's Highest-Bandwidth PXI Data-Streaming Capability

Solution Enables Continuous, Gapless Capture of Signals up to 100 MHz Bandwidth

Agilent Technologies has announced the availability of superior streaming capability for the M9392A PXI vector signal analyzer and M9202A digitizer, providing the industry's highest bandwidth, PXI-based, continuous data capture (up to 100 MHz bandwidth) to a RAID storage solution.

Data streaming over long durations enables customers to capture, detect and analyze signals of interest from their measurement environment. The new data capture solution allows customers to use the Agilent 89600B vector signal analysis software to characterize complex, time-varying signals or a customer-developed data analysis tool.

http://www.redeweb.com/_txt/684/agil/PREM11090.pdf

Agilent Technologies Introduces Wideband DPD Modeling Platform for LTE-Advanced, 802.11ac

Software Enables R&D Teams to Improve Performance of Emerging/4G Wireless Systems

Agilent Technologies has announced the newest release of its W1716 Digital Pre-Distortion Builder (DPD) software, designed to enable the high levels of wireless performance necessary for emerging wideband standards such as LTE-Advanced and IEEE 802.11ac.

The software creates an interactive RF/baseband platform for

4G modeling by linking the user's baseband DPD algorithms with trusted wideband test equipment, standard references and RF EDA software. Armed with higher confidence in real-world performance, designers can now accelerate deployment of emerging communications chipsets, base stations and transceivers.

http://www.redeweb.com/_txt/684/agil/PREM11091.pdf

Agilent Technologies Expands PXI Digital Multimeter Offering with Low-Cost PXI Digital Multimeter

New Instrument Provides Most Popular PXI DMM Measurement Features at Affordable Price

Agilent Technologies has introduced the M9181A digital multimeter to complement its growing family of PXI DMMs. This new 6½ digit PXI DMM offers basic measurement features, without compromising resolution and reliability, at a competitive price point. With the M9181A, test engineers in aerospace/defense, electronic manufacturing, and automotive industries now have an economical PXI DMM alternative.

http://www.redeweb.com/_txt/684/agil/PREM11094.pdf

Agilent Technologies Announces Handheld Instruments with Advanced Displays and Enhanced Safety Features for Industrial Applications

Agilent Technologies has announced five additions to its portfolio of handheld instruments. The U1273A handheld digital multimeter brings the clarity of an OLED display to the rugged and ergonomic U1270 Series. Four new U1190 Series clamp meters provide lower-cost complements to the existing U1270 Series.

http://www.redeweb.com/_txt/684/agil/PREM11096.pdf

Agilent Technologies' PXA Signal Analyzer Now Enables Wideband Measurement with up to 900 MHz of Bandwidth

Agilent Technologies has announced that its high-performance PXA signal analyzer now supports up to 900 MHz of intermediate-frequency bandwidth, enabling it to act as a broadband down converter for analysis of wideband communications and radar signals in aerospace and defense applications.

http://www.redeweb.com/_txt/684/agil/PREM11097.pdf

Agilent Technologies Adds Arbitrary Waveform Generation to InfiniiVision 3000 X-Series Oscilloscopes

Agilent Technologies has added optional arbitrary waveform generation capability and five new analysis applications to its InfiniiVision 3000 X-Series oscilloscopes.

AWG makes it easy for engineers to capture waveforms with their oscilloscopes and instantly convert them to stimulus files to simplify stimulus/response testing.

Eight months ago, Agilent was the first major test-instrument vendor to integrate a function generator with an oscilloscope. This integration is popular with manufacturers who want to simplify stimulus-response testing, R&D engineers who need to simulate missing signals and educators who want a simple tool for teaching students about instrument operation.

http://www.redeweb.com/_txt/684/agil/PREM11098.pdf

Agilent Technologies' Latest RF Design and 3-D EM Simulation Platforms Enhance Multitechnology Design, Speed Simulation

Agilent Technologies has announced new versions of its Advanced Design System and Electromagnetic Professional software.

ADS 2011.10, the latest release of Agilent's flagship RF design software, and EMPro 2011.10, the company's updated 3-D modeling and simulation platform, both feature enhancements to further speed and improve RF design and verification.

http://www.redeweb.com/_txt/684/agil/PREM11099.pdf

Agilent Technologies' New Wireless Link Analysis Software Accelerates Troubleshooting with Greater Visibility into Messaging between Devices

Agilent Technologies has introduced its 89600 WLA software, a MAC-layer complement to the company's industry-leading 89600 VSA software. The seamless combination of vector signal analysis and wireless link analysis gives system-integration engineers and verification engineers greater visibility into the increasingly complex and dynamic interaction between the MAC and physical layers in product designs based on today's wireless standards.

http://www.redeweb.com/_txt/684/agil/PREM11101.pdf

Agilent Technologies Announces Industry's First 160-MHz Signal Analyzer for Wide Bandwidth Signal Analysis

Signal Generation Software for 802.11ac WLAN Signals Completes Solution Set

Agilent Technologies has introduced two solutions for analysis and generation of wide bandwidth signals. The solutions include the industry's first 160-MHz analysis bandwidth option for the high-performance PXA signal analyzer and Signal Studio software for 802.11ac signal creation.

http://www.redeweb.com/_txt/684/agil/PREM11102.pdf

Agilent Technologies Introduces World's First 67-GHz Nonlinear Vector Network Analyzer

Agilent Technologies has expanded its award-winning PNA-X Nonlinear Vector Network Analyzer to 67 GHz. A new 67-GHz phase-reference calibration standard, configured to work with the 67-GHz PNA-X NVNA, is also now available.

Using this hardware, designers can easily characterize and model components accurately up to frequencies of 67 GHz. In addition, X-parameters can be measured up to 67 GHz, providing an accurate model of linear and nonlinear component behavior at very high frequencies and wide bandwidth.

http://www.redeweb.com/_txt/684/agil/PREM11103.pdf

Agilent Technologies' Frequency Converter Measurement Solution Simplifies Test by Eliminating Reference and Calibration Mixers

Agilent Technologies has introduced a frequency converter measurement capability for its PNA and PNA-X Series network analyzers. With this capability, engineers now have a quicker, easier way to fully characterize mixers and frequency converters up to 67 GHz.

http://www.redeweb.com/_txt/684/agil/PREM11104.pdf

Agilent Technologies Introduces First Complete and Compliant 60-GHz Wireless Test Solution

IEEE 802.11ad, WiGig and WirelessHD Compliance Test Available with Agilent M8190A Arbitrary Waveform Generator

Agilent Technologies has announced the first complete and compliant test solution for 60-GHz wireless devices, including WiGig, WirelessHD and IEEE 802.11ad devices. Agilent's compliant solutions cover the lifecycle for mmWave devices from system-level design to verification testing.

http://www.redeweb.com/_txt/684/agil/PREM11106.pdf

Agilent Technologies to Demonstrate Newest Test Solutions for Microwave, RF, Wireless, Radar at European Microwave Week

Agilent Technologies has announced it has showed its newest test and measurement solutions in microwave, RF, wireless and radar for telecommunications, transportation and medical markets at European Microwave Week (Stand G301), last Oct. 11-13, Manchester Central, Manchester, England.

These industry-leading solutions enable R&D, design and manufacturing engineers to develop and deliver innovative products.

http://www.redeweb.com/_txt/684/agil/PREM11112.pdf