

# **2010 IEEE International Conference on Ultra-Wideband (ICUWB 2010)**

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- P.3 Asynchronous Trigger Reception Algorithm for Low-power UWB System  
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- P.4 A low complexity timing jitter compensation method for low rate IR-UWB systems  
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08:50 - 09:10	UWB for in-body medical implants: A viable option <i>Ashutosh Ghildiyal, Balwant Godara, Karima Amara, Amara Amara, Renzo DalMolin, RK Shevgaonkar (France)</i>	<b>706</b>
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**ORAL Session: E3 (6 presentations)**  
**UWB Communication Systems and Signal Processing (4)**

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08:50 - 09:10	Higher Layer Synchronization in an ECMA-368 Ultra Wideband Network <i>Margaret UAnyaegbu, Alexander Weir, Cheng-Xiang Wang (United Kingdom)</i>	<b>751</b>
09:10 - 09:30	A CMOS Non-Coherent Channel Selective IR-UWB Transceiver for WPAN Applications <i>Mincheol Ha, Byungjun Park, Youngjin Park, Yunseong Eo (South Korea)</i>	<b>755</b>
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**ORAL Session: E4 (6 presentations)**

**Antennas and Propagation (4)**

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08:50 - 09:10	Near and Farfield Analysis of Ultra Wideband Impulse Radio Beamforming in the Time domain <i>Philipp KGentner, Geoffrey Hilton, Mark ABeach, Christoph FMecklenbräuker (Austria)</i>	776
09:10 - 09:30	An UWB EM Borehole Imaging System <i>Chen Guo, Richard Liu (China Mainland)</i>	780
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- P.3 The Research of the Frequency Dependency of UWB Antenna Radiation Pattern  
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- P.5 A New High-order Method of Moments for Solution of Combined Field Integral Equation  
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- P.16 A pseudo-2bit 4-GSps Flash ADC in 0.18um CMOS for an IR-UWB Communication System  
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- P.18 Magnetic resonance coupling for extending perfect absorbance bandwidth at microwave frequencies 859

P.19	<i>Tao Wang, Zhangqi Liao, Hao Luo, Rongzhou Gong (China Mainland)</i> Well-Designed of UWB Suspended Substrate Stripline Highpass Filters <i>Xiaohua Tan, Baolong Jin, Rongjun Zhang (China Mainland)</i>	863
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