

# AGENDA

## Tech Days Italy

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Taking place in 6 grand universities across Italy, Texas Instruments and Arrow offer their clients the possibility to meet with experts and partners for a day full of technical lectures and demonstrations.

Each university chose the agenda including two parallel tracks of lectures based on requirements of the local market:

Location	Date	Track 1	Track 2
Udine	13/10/2009	Industrial Process Control	Solar inverter, wireless connectivity and energy efficiency
Ancona	15/10/2009	Industrial Process Control	Solar inverter, wireless connectivity and energy efficiency
Roma	20/10/2009	Architectural LEDs lighting solutions and signage	Solar inverter, wireless connectivity and energy efficiency
Napoli	22/10/2009	Architectural LEDs lighting solutions and signage	Solar inverter, wireless connectivity and energy efficiency
Pisa	13/11/2009	Industrial Process Control	Solar inverter, wireless connectivity and energy efficiency
Bari	24/11/2009	Industrial Process Control	Solar inverter, wireless connectivity and energy efficiency

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	Solar inverter, Wireless connectivity and Energy efficiency	Architectural LEDs lighting solutions and Signage	Industrial Process Control
<b>Registration</b> 08:30 - 09:00	Registration		
<b>Welcome</b> 09:00 - 09:15	Welcome & Opening Session		
<b>Introduction</b> 9:15-9:30	CE standard introduction	High efficiency LEDs: introduction	Introduction to the industrial automation systems
<b>Session 1</b> 9:30-10:00	Solar inverter overview and system topologies	CE requirements, main standards and control techniques	Signal conditioning for sensors
<b>Session 2</b> 10:00-10:45	Current control of PV converters	Digital control in power lighting	Analog to Digital conversion techniques and requirements
10:45-11:15	Break		
<b>Session 3</b> 11:15-11:45	Grid Synchronization and Islanding detection	Driving high power leds from DC	Digital control techniques and requirements
<b>Session 4</b> 11:45-12:45	TI solutions	Driving high power leds from AC mains	D/A conversion and digital data transmission
12:45-14:00	Lunch & Exhibition		
<b>Session 5</b> 14:00-15:00	Energy: Harvesting and MSP430: the new frontier of low power	Signal LEDs and panels: solutions and new products	Human Interface, Oses, connectivity
<b>Session 6</b> 15:00-16:00	Wireless connectivity and energy efficiency	Communication	Integrated Solutions for motor drivers / distributed power supply for high voltage systems
<b>Demo Room</b>	Reference designs and development tools / talk to experts		