

**FIRST SESSION**  
**OPENING SPEECH AND INSTITUTIONAL GREETINGS**Sara Ghilardi - Moderator  
9:00 - 9:30**Eugenio Giani** - President of Regione Toscana**Alessandra Nardini** - Council member Education, University and Research, Work, International Relations and Gender Policies of Regione Toscana**Leonardo Marras** - Council member Economy, Productive Activities, Credit Policies and Tourism of Regione Toscana**TECHNICAL SPEECHES**  
9:30 - 11.00**Fosca Giannotti and Paolo Nesi** - Representatives of CBDAI - Regional Center of Big Data & Artificial Intelligence**Claudia Pingue** - Senior Partner Technology Transfer Fund of CDP Venture Capital SGR**Filippo Giabbani** - Head of FDI Attraction Area of Regione Toscana**Alessandro Bellissima** - President of Yanmar R&D Europe srl**Lorenzo Bacci** - Director of Research Support and Education Rights Area of Regione Toscana**SECOND SESSION**  
11:00 - 12:30**18 PATENTS PRESENTATION IN DIGITAL SECTOR**

Time	Inst.	Researcher	Patent title
11.05	UNIFI	Lorenzo Fini	Random Laser based sensor
11.10	UNIPI	Paolo Ferragina	Method of structuring and compressing Labeled trees of arbitrary degree and shape
11.15	UNISI	Sandro Bartolini	Process for the automatic generation of parallel code
11.20	SSSA	Claudio Oton	Optical sensor at high sampling
11.25	UNIFI	Francesco Grasso	Smartplug
11.30	UNIPI	Vincenzo Ferrari	Weareable viewer for augmented reality
11.35	UNISI	Claudio Papei	System for monitoring electro-medical equipment installed at home
11.40	SSSA	Claudio Oton	Distortion free-phase demodulation method
11.45	UNIFI	Francesco Grasso	SmartComm
11.50	UNIPI	Vincenzo Ferrari	Procedure and system for three-dimensional representation of an augmented reality scene, particularly for surgical applications
11.55	UNISI	Patrizia Marti	Process for manufacturing customized facemasks for the treatment of malocclusion
12.00	SSSA	Nicola Sambo	Modification of a functional split in case of insufficient availability of resources
12.05	UNIFI	Francesco Buonamici	Parametric CAD Modeling
12.10	SSSA	Nicola Sambo	Method for managing a telecommunication network
12.15	UNIFI	Lorenzo Pattelli	Photonic Circuits Diagnosis
12.20	UNIFI	Alice Boschetti	Super-resolution Spectroscopy
12.25	UNIFI	Lorenzo Berzi	Driving simulator
12.30	UNIFI	Andrea Bracali	Health-Met

**BREAK 12:30 - 13:15****SECOND SESSION**  
13:20 - 15:45**29 PATENTS PRESENTATION IN INDUSTRY SECTOR**

Time	Inst.	Researcher	Patent title
13.20	UNIFI	Francesco Borchì	Active Noise Abatement
13.25	UNIPI	Rocco Rizzo	Electromagnetic actuator with variable compliance
13.30	UNISI	Domenico Prattichizzo	An instrument comprising a contact force sensor device
13.35	IMT	Marco Paggi	A silicon solar cells lamination plant and a process carried out with this plant
13.40	SSSA	Fabio Recchia	A three-dimensional dispersible nanoresonator structure for biological, medical and environmental applications and a method for manufacture thereof
13.45	UNIFI	Daniele Fiaschi	GNL Regasification for vehicles
13.50	UNIPI	Carmelo De Maria	A combined electrospinning and microextrusion apparatus
13.55	UNISI	Monica Malvezzi	A task-custom finger device for kinesthetic and cutaneous feedback
14.00	SSSA	Marcello Chiurazzi	System for the detection of defects on a surface of at least a portion of a body and method thereof
14.05	UNIFI	Federico Carpi	Electrically controllable acoustic impedance matching system
14.10	UNIPI	Alice Buffi	Mobile device self-location method using at least one passive radio-frequency device
14.15	UNISI	Tommaso Lisini Baldi	A haptic system for providing a gait cadence to a patient
14.20	SSSA	Davide Ferraro	Encapsulated transducer for haptic intarfaces
14.25	UNIFI	Benedetto Allotta	Mutant submarine
14.30	UNIPI	Fabio Di Francesco	A graphene oxide sensor for ph measurement
14.35	UNISI	Maria Pozzi	Method for generating an awareness signal of a collaborative robot and its hardware system
14.40	SSSA	Martina Maselli	Pneumatic device for actuating organs
14.45	UNIFI	Adriano Alessandrini	Automatic convoys
14.50	UNIPI	Christian Silvio Pomelli	Membranes containing polymerised ionic liquids for use in gas separation
15.00	UNIPI	Riccardo Barsotti	Testing device for building materials
15.05	SSSA	Filippo Cavallo	Modulo sensorizzato per la rilevazione di dati di posizione e di movimento
15.10	UNIFI	Giulia Bartolini	Wooden Facade
15.15	UNIPI	Paolo Nepa	Localization method of electromagnetic signal-emitting element
15.20	SSSA	Giuseppe Terruso	Tactile sensor for robotic arm
15.25	UNIPI	Castelvetto Valter	Shockproof thermoplastic material based on polycondensation polymers and its production method
15.30	SSSA	Andrea Firrincieli	Magnetically guided robotic device for endoscopic procedures
15.35	UNIPI	Manolo Garabini	A logistic device
15.40	UNIPI	Manolo Garabini	Logistic device

**THIRD SESSION**  
16:00 - 19:00**ONE TO ONE MEETINGS**

In-depth meetings between researchers and companies