



Chipless Multisensor Rfid for Green Networks

EMERGENT



Knowledge sharing activities

Training – Preparatory training to WP4-T4.2

‘Automated Setup for Assessment Chipless Sensor Performance and Fabrication of Inkjet Printed tags by Using Desktop Inkjet Printers’

Agenda

18th, 19th and 21th July 2017

University of Pisa – Department of Information Engineering

Venue: Via Caruso 16, Pisa (PI).

Participants			
Number	Name	Organization	Country
1	Filippo Costa	UNIFI	Italy
2	Simone Genovesi	UNIFI	Italy
3	Giuliano Manara	UNIFI	Italy
4	David Girbau	URV	Spain
5	Antonio Lázaro	URV	Spain
6	Cedric Carlotti	INP Grenoble	France
7	Hatem El Matbouly	INP Grenoble	France
8	Alessio Dicandia	UNIFI	Italy

9	Michele Borgese	UNIFI	Italy
10	Luca Boggioni	Cubit	Italy
11	Lorenzo Monti	Cubit	Italy
18.07.2017			
Time	Topic	Presenter	
09:00-09:15	Registration of participants		
09:15-09:30	Welcome speech Scope of the training, overview of the meeting agenda	Giuliano Manara, UNIFI	
9:30-10:30	RF measurement system in a controlled humidity environment: automatization of the setup.	Michele Borgese, UNIFI	
10:30-11:00	Coffee Break		
11:00-12:00	Experience of URV in the design of humidity controlled environment for RF measurements	Antonio Lázaro, URV	
12:00-13:00	Design of a scalable humidity controlled environment	Cedric Carlotti, INP Grenoble	
13:00-14:30	Lunch Break		
14:30-17:00	Explanations about controlled measurement system: Hands on Session	Filippo Costa, UNIFI Simone Genovesi, UNIFI	
19.07.2017			
Time	Topic	Presenter	
09:00-09:15	Registration of participants		
09:15-09:30	Welcome speech Scope of the experimental demonstration in the training.	Filippo Costa, UNIFI	
9:00-10:30	Real Time demonstration of measurement system of UNIFI.	Michele Borgese, UNIFI Alessio Dicandia, UNIFI	
10:30-11:00	Coffee Break		
11:00-13:00	Real Time demonstration of measurement system of UNIFI.	Michele Borgese, UNIFI Alessio Dicandia, UNIFI	
13:00-14:30	Lunch Break		
14:30-17:00	Real Time demonstration of measurement system of UNIFI.	Michele Borgese, UNIFI Alessio Dicandia, UNIFI	

21.07.2017		
Time	Topic	Presenter
09:00-09:15	Registration of participants	
09:15-09:30	Welcome speech Scope of the experimental demonstration in the training.	Simone Genovesi, UNIPI
9:00-10:30	Realization of inkjet printed chipless sensors	Simone Genovesi, UNIPI
10:30-11:00	Coffee Break	
11:00-13:00	Real Time demonstration of Fabrication Procedure for realizing inkjet printed chipless sensors	Michele Borgese, UNIPI Alessio Dicandia, UNIPI
13:00-14:30	Lunch Break	
14:30-15:00	Measurement methods for surface impedance of fabricated inkjet depositions	Filippo Costa, UNIPI
14:30-17:00	Hands on session: measurement of Sheet resistance of fabricated tags by using waveguide setup:	Filippo Costa, UNIPI
Resources:		
Projector, PowerPoint presentations, Measurement equipments		
Special notes:		
Venue UNIPI-DIE premises at: Via G. Caruso, 16 – 56122 Pisa (Italy). http://dip.iet.unipi.it/		
Accommodation Every partner is responsible for their own accommodation booking. We suggest to book one of these hotels in Pisa: <ul style="list-style-type: none"> - Hotel Victoria (in the city centre) - Grand Hotel Duomo (near the leaning tower and the UNIPI-DIE) - Hotel Roma (idem as above) 		
Transportation Organization of transportation from-to airport is under responsibility of each participant.		

Attendance sheet				
Number	Name	Organization	Country	Signature
1	Filippo Costa	UNIFI	Italy	
2	Simone Genovesi	UNIFI	Italy	
3	Giuliano Manara	UNIFI	Italy	
4	David Girbau	URV	Spain	
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