



# ChiplEss MultisEnsor Rfid for GrEen NeTworks

## EMERGENT



### Knowledge sharing activities

### Training – Preparatory training to WP4-T4.2

### ‘ Measurements for RFID’

#### Agenda

21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> March 2018

University Grenoble Alpes, Grenoble INP, LCIS

Venue : ESISAR, 50 rue de Laffemas, 26902 Valence, France

Room D08 or Skype connection ID is « stedjini »

Organizers			
Number	Name	Organization	Country
1	Smail TEDJINI	INP Grenoble	France
2	Simone Genovesi	UNIPI	Italy
3	David Girbau	URV	Spain
4	Etienne Perret	INP Grenoble	France
5	Filippo Costa	UNIPI	Italy
6	Antonio Lázaro	URV	Spain
7	Hatem El Matbouly	INP Grenoble	France
8	Abanob abdelnour	INP Grenoble	France
9	Cedric Carlotti	INP Grenoble	France

## TRAINING PROGRAM

21.03.2018		
Time	Topic	Presenter
09:30-10:00	Registration of participants	
10:00-10:30	Welcome speech. Scope and objective of the training. Why measurement for RFID is so specific	Smail Tedjini, Grenoble-INP
10:45-12:00	Measurement with tagformance	Konstantinos Zannas, Grenoble-INP
12:30-14:00	Lunch	
14:00-15:00	Using Software Defined Radio (SDR) for RFID	Nicolas Barbot, Grenoble-INP
15:00-16:00	Using USRP as TX/RX for chipless RF sensing	Hatem El-Matbouly, Grenoble-INP
16:00-16:30	Coffee Break	
16:30-17:30	Reader RFID Chipless Architecture	Lorenzo Monti, Luca Boggioni & Nicola Galli, Cubit
22.03.2018		
Time	Topic	Presenter
09:00-10:15	Chipless Sensor measurement in controlled environment	Simone Genovesi, UNIFI Filippo Costa, UNIFI
10:15-10:45	Coffee Break	
10:45-11:45	Characterisation of RFID Chip	Arnaud Vena, Univ Montpellier
12:00-13:30	Lunch	
14:00-15:00	Printed technologies applied to chipless	Christophe Mercier, ARDEJE
15:00-16:00	Chipless data processing with STFT	Etienne Perret, Grenoble-inp
16:00-17:00	Coffee break and Visit of LCIS platforms	

23.03.2018		
Time	Topic	Presenter
09:00-10:00	Measurement of NFC sensor tags using smartphones	Marti Boada, URV
10:00-10:30	Coffee Break	
10:30-11:30	Material and substrate characterization for application to RFID and sensor	Abanob Abdelnour, Grenoble-INP
11:30-12:30	Using 3D printer for the development of test fixture for RFID tags	Cedric Carlotti, Grenoble-INP
13:00-14:30	Lunch Break	
14:30-16:00	General discussion, lessons and concluding remarks	All
<b>Resources:</b>		
Projector, PowerPoint presentations, Measurement equipment, Skype connection		
<b>Special notes:</b>		
<p><b>Venue</b></p> <p style="text-align: center;">University Grenoble Alpes, Grenoble INP, LCIS 50 rue de Laffemas, 26902 Valence, France Room D08 <a href="http://lcis.grenoble-inp.fr/plan-d-acces/">http://lcis.grenoble-inp.fr/plan-d-acces/</a></p> <p><b>Accommodation</b> Every partner is responsible for their own accommodation booking. We suggest to book one of these hotels at Valence :</p> <ul style="list-style-type: none"> <li>- <a href="http://www.hotel-de-lyon.fr">www.hotel-de-lyon.fr</a> (in the city centre near to train station )</li> <li>- <a href="#">Hôtel restaurant CAMPANILE VALENCE SUD   Campanile</a> (Walking distance to the venue)</li> </ul> <p><b>Transportation</b> Organization of transportation from-to train stations is under responsibility of each participant.</p>		

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	
5	Antonio Lázaro	URV	Spain	
6	Marti Boada	URV	Spain	
7	Cedric Carlotti	INP Grenoble	France	
8	Hatem El Matbouly	INP Grenoble	France	
9	Abanob abdelnour	INP Grenoble	France	
10	Smail Tedjini	INP Grenoble	France	
11	Etienne Perret	INP Grenoble	France	
12	Nicolas Barbot	INP Grenoble	France	
13	Zannas Konstantinos	INP Grenoble	France	
14	Fateh Benmahmoud	INP Grenoble	France	
15	Imbolatiana Rakotomalala	INP Grenoble	France	
16	Anis Ghaith Boujemaa	INP Grenoble	France	
17	Newton Fonseca	UFCG, Brazil	France	
18	Arnaud Vena	Univ. Montpellier	France	
19	Yvan Duroc	Univ Lyon 1	France	
20	Benjamin Saggin	Univ. Montpellier	France	
21	jayakrishnan Methapettyparambu Purushothama	Univ. Montpellier	France	
22	Salvatore Rosania	Cubit	Italy	
23	Silvia Leon Morales.	Cubit	Italy	