

## Timetable of training session (Module 1,2 +I IT training)

### Training MODULE 1: Methodological Bases for Research Paths+I IT training

Monday, November 15 <sup>th</sup>		
Blue Room TeCIP Institute of the Sant'Anna School of Advanced Studies, Via Giuseppe Moruzzi, 1, 56124 Pisa PI		
Time	Topic	Lecturer
8.30 - 9.00	Welcome coffee/tea	Yellow Room
9.00 - 11.00	The LEADS project structure and goals Introduction of Beneficiaries and Partners	<b>G. Comandé + All Beneficiaries and Partners</b>
11.00 - 11.15	Coffee break	Yellow Room
11.15 - 13.00	Short introduction by the ESRs (who they are, their background,...)	<b>ESRs</b>
13.00 - 14.30	<b>Lunch</b>	Yellow Room
14.30 - 16.00	PM collective meeting with ESRs ESRs' assembly and election of representatives in the SB	Parallel sessions (venue: Blue Room)
	ESR Supervisory Board	
16.00 - 18.00	<b>Supervisory Board Executive Board</b>	Yellow Room
Tuesday, November 16 <sup>th</sup>		
Room 7 Palazzo Via Maffi, Sant'Anna School of Advanced Studies, Via Cardinale Maffi, 27 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.30	ESRs' feedback on Leads	10 minutes each ESR
10.30 - 11.00	Discussion	All
11.00 - 12.00	General overview of the training modules	Comandé, Ferreira, Kiriazis, Lenzini, Macierzyńska- Fraszczczyk, Rinzivillo, Alexakis, Zoll, Poillot
12.00 - 13.00	Methodological steps towards the definition of research questions and sub-questions. 1.3.	Macierzyńska-Fraszczczyk
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Methodological steps towards the definition of research questions and sub-questions. 1.3.	Macierzyńska-Fraszczczyk (JU)
15.00 - 16.00	Methodological steps towards the definition of research questions and sub-questions. 1.3.	Macierzyńska-Fraszczczyk (JU)
16.00 - 17.00	The EU Cybersecurity Strategy and its Policy Landscape	Prof. A. Ferreira (IRIT)
17.00 - 18.00	PM individual meetings with ESRs	

Wednesday, November 17 <sup>th</sup>		
Room 3 Sant'Anna School of Advanced Studies, Piazza Martiri della Libertà 33, 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	Privacy, Data Protection and Data Quality	Dr. W. M. Botes (UNILU)



10.00 - 11.00	Introduction to Modern Cryptography	Prof. P. Y. A. Ryan (UNILU)
11.00 - 12.00	Secure and Verifiable Voting Schemes	Prof. P. Y. A. Ryan (UNILU)
12.00 - 13.00	Reading the GDPR through an Informatician's eye	Prof. G. Bella (Università degli Studi di Catania) remotely
13.00 - 14.00	Lunch	
14.00 - 15.00	Malware, Ransomware, other Threats (Definitions)	Dr. Z. A. Genç (UNILU) remotely
15.00 - 16.00	Malware, Ransomware, other Threats (Defences)	Dr. Z. A. Genç (UNILU) remotely
16.00 - 17.00	PM individual meetings with ESRs	
<b>Thursday, November 18th</b>		
<b>Room 5</b> Sant'Anna School of Advanced Studies, Piazza Martiri della Libertà 33, 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	Phishing	Dr. K. Nigg (UNILU)
10.00 - 11.00	Social Engineering	Prof. G. Lenzini (UNILU)
11.00 - 12.00	Legal and Ethical Aspects in Vulnerabilities Disclosures	Dr. G. Varisco (remotely)
12.00 - 13.00	Legal and Ethical Aspects in Vulnerabilities Disclosures	Dr. G. Varisco (remotely)
13.00 - 14.00	Lunch	
14.00 - 15.00	Data Protection and Usage Control	Prof. F. Martinelli (CNR)
15.00 - 16.00	Cybersecurity Foundation: Prevent, Detect, Assess & Actuate	Dr. J. Maestre Vidal (INDRA)
16.00 - 17.00	Cybersecurity Foundation: Prevent, Detect, Assess & Actuate	Dr. J. Maestre Vidal (INDRA)
<b>Friday, November 19th</b>		
<b>Room 5</b> Sant'Anna School of Advanced Studies, Piazza Martiri della Libertà 33, 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	Cybersecurity Foundation: Prevent, Detect, Assess & Actuate	Dr. J. Maestre Vidal (INDRA)
10.00 - 11.00	Geostrategical Context and Impact	Dr. J. Maestre Vidal (INDRA)
11.00 - 12.00	Geostrategical Context and Impact	Dr. J. Maestre Vidal (INDRA)
12.00 - 13.00	Cybersecurity Tools for Training, Preparedness, Awareness	P. J. Ramón y Cajal Ramo) (INDRA)
13.00 - 14.00	Lunch	
14.00 - 15.00	Introduction to data management. FAIR ecosystems: principles and requirements to manage personal and non-personal data	Roberto Lattanzi (GPDP)/Denise Amram (SSA)
15.00 - 16.00	Introduction to data management How to develop a Data Management Plan	Italian Data Protection Authority and Denise Amram (SSSA)



16.00 - 17.00	Open science and open data I part	Denise Amram (SSSA)
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Monday, November 22th		
Room 14 Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	6.1 session 1 basics of patent law. Protection and free uses- 1 h	Caterina Sganga (SSSA)
10.00 - 11.00	6.2 session 2 basics of copyright law. Protection and free uses-	Caterina Sganga (SSSA)
11.00 - 12.00	6.3 session 3 Open science and open data II part	Denise Amram (SSSA)
12.00 - 13.00	Ethics issues and research responsibility	Giovanni Comandé - Amram (SSSA)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Ethics issues and research responsibility	Giovanni Comandé - Amram (SSSA)
15.00 - 16.00	6.4 session 4 Open access. Regulatory framework-pros and cons	Caterina Sganga (SSSA)
16.00 - 17.00	PM individual meetings with ESRs	
Tuesday, November 23 <sup>rd</sup>		
Room 14 Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
10.00 - 11.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
11.00 - 12.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
12.00 - 13.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
15.00 - 16.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
16.00 - 17.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
17.00 - 18.00	PM individual meetings with ESRs	
Wednesday, November 24 <sup>th</sup>		
Room 14 Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
10.00 - 11.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
11.00 - 12.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
12.00 - 13.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
13.00 - 14.00	<b>Lunch</b>	



14.00 - 15.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
15.00 - 16.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
16.00 - 17.00	Introduction to Data Mining and machine Learning	Mirco Nanni, Senior Researcher (CNR)
<b>Thursday, November 25<sup>th</sup></b>		
<b>Room 5</b> Main Headquarter, P.zza Martiri della Libertà n.33 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
10.00 - 11.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
11.00 - 12.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
12.00 - 13.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
15.00 - 16.00	Big Data Analytics and Applications	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
16.00 - 17.00	Expounding Key Concepts in Empirical Research	Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
17.00 - 18.00	PM individual meetings with ESRs	
<b>Friday, November 26<sup>th</sup></b>		
<b>Room 14</b> Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
10.00 - 11.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
11.00 - 12.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
12.00 - 13.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
15.00 - 16.00	Network Analytics	Luca Pappalardo – Researcher (CNR)
16.00 - 17.00	Network Analytics	Luca Pappalardo – Researcher (CNR)



-Training module 2: Advanced Methodology, Empirical Research in the Technological Domain + IT training

Monday, November 29 <sup>th</sup>		
Aula Magna Storica, Sant'Anna School of Advanced Studies, Piazza Martiri della Libertà 33 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	How empirical research is used in regulation and in determining public policies and business strategies, and quality assessment of research	Agustin Reyna Senior Legal Officer and Digital Team Leader BEUC
10.00 - 11.00	Module 2.4: Introduction to Familiarizing all researchers with the main technological issues related to data use in the digital world	Afonso Ferreira (IRIT)
11.00 - 12.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
12.00 - 13.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
13.00 - 14.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
14.00 - 15.00	<b>Lunch</b>	
15.00 - 16.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
16.00 - 17.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
17.00-18.00	Module 2.4: Data Access Management (Authorisation, Identity, Security policies) [UPS-IRIT]	Romain Laborde (IRIT)
Tuesday, November 30 <sup>th</sup>		
Aula Magna Storica, Sant'Anna School of Advanced Studies, Piazza Martiri della Libertà 33 56127 Pisa		
Time	Topic	Lecturer
9.00 - 10.00	Time management	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
10.00 - 11.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
11.00 - 12.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis (UPRC)
12.00 - 13.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
15.00 - 16.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)



16.00 - 17.00	Module 2.4: Storage & Network Infrastructure (Cloud, IoT, Computing)	Dimosthenis Kyriazis - Ass. Professor / Emmanouil (Manolis) Alexakis - Senior Researcher (UPRC)
17.00 - 18.00	PM individual meetings with ESRs	
<b>Wednesday, December 1<sup>st</sup></b> <b>Room 14</b> Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Massimiliano Assante – Researcher (CNR)
10.00 - 11.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Massimiliano Assante – Researcher (CNR)
11.00 - 12.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Massimiliano Assante – Researcher (CNR)
12.00 - 13.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Wilhelmina Maria Botes (UNILU)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Wilhelmina Maria Botes (UNILU)
15.00 - 16.00	Module 2.4: Data Repositories (Quality, Storage, Certification)	Wilhelmina Maria Botes (UNILU)
16.00 - 17.00	Pm meeting with ESRs	
<b>Thursday, December 2<sup>nd</sup></b> <b>Room 14</b> Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	Project Gaant review and further steps discussion.	
10.00 - 11.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	George Manias – Senior Researcher (UPRC)
11.00 - 12.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	George Manias – Senior Researcher (UPRC)
12.00 - 13.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	George Manias – Senior Researcher (UPRC)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	George Manias – Senior Researcher (UPRC)
15.00 - 16.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	George Manias – Senior Researcher (UPRC)
16.00 - 17.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	Massimiliano Assante – Researcher (CNR)
17.00 - 18.00	Module 2.4: Data Inter-operability (Meta-data, Ontologies, Semantics)	Massimiliano Assante – Researcher (CNR)
<b>Friday, empirical research; AI December 3<sup>rd</sup></b> <b>Room 14</b> Palazzo Via Maffi		
Time	Topic	Lecturer
9.00 - 10.00	How empirical research is used in regulation and in determining public policies and business strategies, and quality assessment of research	Carsten Ullrich Legal Manager Trust and Safety at Vinted
10.00 - 11.00	Familiarizing ESRs with qualitative and quantitative methods of empirical research, with a special emphasis on comparative and policy analysis	Giovanni Comandé (SSSA)/Antonio Davola (LUISS Guido Carli)



11.00 - 12.00	Familiarizing ESRs with qualitative methods of empirical research, with a special emphasis on comparative and policy analysis	Giovanni Comandé (SSSA)/Antonio Davola (LUISS Guido Carli)
12.00 - 13.00	Familiarizing ESRs with qualitative methods of empirical research, with a special emphasis on comparative and policy analysis	Giovanni Comandé (SSSA)/Antonio Davola (LUISS Guido Carli)
13.00 - 14.00	<b>Lunch</b>	
14.00 - 15.30	Ethics by Design and Ethics of Use Approaches for Artificial Intelligence	Giovanni Comandé (SSSA) / Dr Brandt Dainow (Maynooth University)
15.30 - 16.30	Introduction to quantitative methods in social science	Francesca Chiaromonte (SSSA)

#### Resources:

Teams. PowerPoint presentations.

#### Special notes:

**Venue of the General Meeting:** Blue Room, Tecip Institute, Via Giuseppe Moruzzi, 1, 56127 Pisa PI

**Coffee, tea and lunch breaks** of the meeting: Yellow Room, Tecip Institute, Via Giuseppe Moruzzi, 1, 56127 Pisa PI

**Meeting room** for DISTANCE PARTICIPATION and RECORDING of the sessions

