

	AI4SCIENCE	SPACE SECURITY	INCIDENT HANDLING	QUANTUM	FINANCIAL SECTOR
Time	Mon 24-Nov	Tue 25-Nov	Wed 26-Nov	Thu 27-Nov	ven 28-nov
08:30-08:45	Greetings & Intro Session	Greetings & Intro Session	Greetings & Intro Session	Greetings & Intro Session	Greetings & Intro Session
08:45-09:30	Lecture 0	Lecture 3	Lecture 6	Lecture 9	Lecture 12
09:30-11:00	Lecture 1	Lecture 4	Lecture 7	Lecture 10	Lecture 13
11:00-11:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-13:00	Lecture 2	Lecture 5	Lecture 8	Lecture 11	Lecture 14
13:00-14:30	Lunch	Lunch	Lunch	Lunch	Lunch
14:30-15:30	Opening Talk (Baldoni)	Discussion and use cases	Discussion and use cases	Discussion and use cases	Discussion and use cases
15:30-16:00	Multidisciplinary Project 1	Multidisciplinary Project 2	Multidisciplinary Project 3	Multidisciplinary Project 4	Multidisciplinary Project 5
16:00-16:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:30-16:50	Thesis Proposal 1	Thesis Proposal 8	Thesis Proposal 15	Thesis Proposal 22	Thesis Proposal 29
16:50-17:10	Thesis Proposal 2	Thesis Proposal 9	Thesis Proposal 16	Thesis Proposal 23	Thesis Proposal 30
17:10-17:30	Thesis Proposal 3	Thesis Proposal 10	Thesis Proposal 17	Thesis Proposal 24	Thesis Proposal 31
17:30-17:50	Thesis Proposal 4	Thesis Proposal 11	Thesis Proposal 18	Thesis Proposal 25	Thesis Proposal 32
17:50-18:10	Thesis Proposal 5	Thesis Proposal 12	Thesis Proposal 19	Thesis Proposal 26	Thesis Proposal 33
18:10-18:30	Thesis Proposal 6	Thesis Proposal 13	Thesis Proposal 20	Thesis Proposal 27	Thesis Proposal 34
18:30-18:50	Thesis Proposal 7	Thesis Proposal 14	Thesis Proposal 21	Thesis Proposal 28	Thesis Proposal 35

		AI4SCIENCE	
Time	Mon 24-Nov	Speaker	Title
08:30-08:45			Greetings & Intro Session
08:45-09:30	Lecture 0	Prof. Mirco Tribastone, IMT School for Advanced Studies Lucca	"AI 4 Science: Foundations"
09:30-11:00	Lecture 1	Prof. Fabio Pinelli, IMT School for Advanced Studies Lucca	"AI 4 Science: Perspective (part 1)"
11:00-11:30	Coffee Break		
11:30-13:00	Lecture 2	Dr. Alessandro Betti, IMT School for Advanced Studies Lucca	"AI 4 Science: Perspective (part 2)"
13:00-14:30	Lunch		
14:30-15:30	Opening Talk (Baldoni)	Prof. Roberto Baldoni, Senior Advisor for Technology and Cybersecurity Policy, Ambasciata Italiana in USA e Professore Onorario, Università degli Studi di Roma La Sapienza	"Europe's Digital Sovereignty Aspiration, and Its Harsh Reality"
15:30-16:00	Multidisciplinary Project 1		
16:00-16:30	Coffee Break		
16:30-16:50	Thesis Proposal 1		
16:50-17:10	Thesis Proposal 2		
17:10-17:30	Thesis Proposal 3		
17:30-17:50	Thesis Proposal 4		
17:50-18:10	Thesis Proposal 5		
18:10-18:30	Thesis Proposal 6		
18:30-18:50	Thesis Proposal 7		

		SPACE SECURITY	
Time	Tue 25-Nov	Speaker	Title
08:30-08:45		Dr. Simone Soderi , IMT School for Advanced Studies Lucca	Greetings and introduction to the session
08:45-09:15	Keynote Speech	Dr. Antonios Atlasis , Head System Security Section – End-to-End Systems Division, ESA	"Security for Space Systems: Technologies, Challenges and Research Opportunities"
09:15-10:00	Lecture 3	Ing. Samuele Foni , Security Accreditation Manager, ESA	"Learning from Today and Yesterday to set, in Space, the Cyber Threat Intelligence of Tomorrow"
10:00-11:20	Lecture 4	Yohann Roiron , Systems Security Engineer – System Security Section, ESA	"High level security for space systems"
11:20-11:40	Coffee Break		
11:40-13:00	Lecture 5	Dr. Enrico Casini , RF Systems Security Engineer – System Security Section, ESA	"RF level security for space systems "
13:00-14:30	Lunch		
14:30-15:30	Discussion and use cases	Dr. Simone Soderi , IMT School for Advanced Studies Lucca	"From Spoof to Shield: Fast SCER Attacks and Cooperative Jamming Defenses for Satellite Links"
15:30-16:00	Multidisciplinary Project 2		
16:00-16:30	Coffee Break		
16:30-16:50	Thesis Proposal 8		
16:50-17:10	Thesis Proposal 9		
17:10-17:30	Thesis Proposal 10		
17:30-17:50	Thesis Proposal 11		
17:50-18:10	Thesis Proposal 12		
18:10-18:30	Thesis Proposal 13		
18:30-18:50	Thesis Proposal 14		

		INCIDENT HANDLING	
Time	Wed 26-Nov	Speaker	Title
08:30-08:45		Prof. Gabriele Costa, IMT School for Advanced Studies Lucca	Greetings and introduction to the session
08:45-09:30	Lecture 6	Ing. Francesco Colasante and Ing. Bruno Taricco, ACN	"CSIRT organization"
09:30-11:00	Lecture 7	Ing. Bruno Taricco, ACN	"Incident Handling pt. 1"
11:00-11:30	Coffee Break		
11:30-13:00	Lecture 8	Ing. Francesco Colasante, ACN	"Incident Handling pt. 2 "
13:00-14:30	Lunch		
14:30-15:30	Discussion and use cases	ACTE Group (39th cycle - Italian National Ph.D. Program in Cybersecurity)	"Truth or (AI) Trick? Evaluating authenticity, impacts and regulation of artificially generated content"
15:30-16:00	Multidisciplinary Project 4		
16:00-16:30	Coffee Break		
16:30-16:50	Thesis Proposal 22		
16:50-17:10	Thesis Proposal 23		
17:10-17:30	Thesis Proposal 24		
17:30-17:50	Thesis Proposal 25		
17:50-18:10	Thesis Proposal 26		
18:10-18:30	Thesis Proposal 27		
18:30-18:50	Thesis Proposal 28		

		QUANTUM	
Time	Thu 27-Nov	Speaker	Title
08:30-08:45		Prof. Rocco De Nicola, IIT-CNR	Greetings and introduction to the session
08:45-09:30	Lecture 9	Dr. Claudio Cicconetti, IIT-CNR	Part#1 – Quantum computing
09:30-11:00	Lecture 10	Dr. Claudio Cicconetti, IIT-CNR	Part#2 – Quantum communications
11:00-11:30	Coffee Break		
11:30-13:00	Lecture 11	Dr. Claudio Cicconetti, IIT-CNR	Part#3 – Quantum networking
13:00-14:30	Lunch		
14:30-15:30	Discussion and use cases		
15:30-16:00	Multidisciplinary Project 3		
16:00-16:30	Coffee Break		
16:30-16:50	Thesis Proposal 15		
16:50-17:10	Thesis Proposal 16		
17:10-17:30	Thesis Proposal 17		
17:30-17:50	Thesis Proposal 18		
17:50-18:10	Thesis Proposal 19		
18:10-18:30	Thesis Proposal 20		
18:30-18:50	Thesis Proposal 21		

		FINANCIAL SECTOR	
Time	Fri 28-Nov	Speaker	Title
09:00-09:10		Prof. Alessandro Armando, University of Genova & IMT School for Advanced Studies Lucca	Greetings and introduction to the session
09:10-10:20	Lecture 12	Dr. Paolo Ciocca, Presidente Italgas & LUISS Guido Carli University	Keynote speech: "Cybersecurity and the Financial System: from Threats to Strategic Opportunities"
10:20-11:30	Lecture 13	Ing. Antonino Fazio, Banca d'Italia	"Safeguarding Financial Stability in the Digital Era: Central Bank Perspective on Systemic Cyber Resilience"
11:30-11:50	Coffee Break		
11:50-13:00	Lecture 14	Dott.ssa Federica Torsello, CONSOB	"Cybersecurity in Financial Markets - How DORA Shapes Cyber Resilience"
13:00-14:30	Lunch		
14:30-15:30	Discussion and use cases	Moderator: Prof. Alessandro Armando, University of Genova & IMT School for Advanced Studies Lucca	Discussion & Use Cases
15:30-16:00	Multidisciplinary Project 5		
16:00-16:30	Coffee Break		
16:30-16:50	Thesis Proposal 29		
16:50-17:10	Thesis Proposal 30		
17:10-17:30	Thesis Proposal 31		
17:30-17:50	Thesis Proposal 32		
17:50-18:10	Thesis Proposal 33		
18:10-18:30	Thesis Proposal 34		
18:30-18:50	Thesis Proposal 35		