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HEALTH AND SAFETY MANAGEMENT ORGANIZATION CHART AT THE INDUSTRIAL ENGINEERING DEPARTMENT

Position		CONTA	ACTS		
Employer :	Rector of the University of L	B <i>ologna:</i> prof. G	iovanni Molari		
Department responsible :	Dean of the Industrial Engir prof. Alfredo Liverani	neering Departm	nent :	051 2093452 alfredo.liverani(@unibo.it
Chief of the Health and Safety Office :	Dr. (Ph.D.) Rossella Serra	051 2091423 rossella.serra@	unibo.it		
Health and Safety	Dr. (Ph.D.) Flavia Ferroni	Dr. (Ph.D.) Flavia Ferroni 051 2091419 Dr. (Ph.D.) Aless Dr. (Ph.D.) Simona Rossi 051 2091422 Eng.			
Office :	Dr. (Ph.D.) Simona Rossi				
Medical Supervisor :	Dr. (M.D.) Cristiana Fiorent	Dr. (M.D.) Cristiana Fiorentini			
On site safety reference person :	Bologna Campus: Eng. Federico Boselli	051 2090473 federico.boselli2	2@unibo.it		
	Forlì Campus: Eng. Veronica Rossi				

LABORATORIES AND OFFICES IN BOLOGNA

"HISTORICAL BUILDING	" AND "RI	SORGIMENTO 2" A	REA – VIALE DEL	RISORGIMENTO 2, 40136 BOLOGNA		
Opening hours :	From Mo	onday to Friday: 7	7.00 – 19.00			
Where can I always find someone during opening hours, in case of emergency?		eception and Information Point in the main hall, at ground floor. I.: 051 2093730				
External designated meeting points :		Historical Building: in front of the main entrance, towards "viale del Risorgimento" and in front of the secondary entrance, towards "via Vallescura". "Aule Nuove" Building: in front of the canteen entrance. "Ex-Scuderie" Building: in front of the entrance of the classroom nr. 8.1. "Villetta Frigerio" Building: in front of the entrance of the building.				
Evacuation signal :	School	Communication by voice or via loudspeaker. Loudspeakers are present only in the School areas (classrooms, corridors, hall and common areas in the Historical Building and in the "Aule Nuove" Building).				
Emergency personnel (DIN personnel with	Fran	icesca Montanari	051 2093428	Marina Schininà 051 2093762		
workplace in the Historical Building) *:		Roberta Rizzolo	051 2093430			

Emergency Plan regards the entire "Risorgimento 2" area and the members of the "Emergency Team" belong to different Departments and Administrative Offices. ▶ ▶ Read the Emergency and Evacuation Plan for "Risorgimento 2" Area.

ME	MECHANICS LABORATORY – VIA TERRACINI 24, 40131 BOLOGNA					
Opening hours :	From Mo	rom Monday to Friday: 8.30 – 17.30				
Where can I always find someone during opening hours, in case of emergency?	_	eng. Vai and mr. Monti office, at the first floor (room nr. 346/P01/012). el.: 051 2090526 / 051 2090489				
External designated meeting point :		Parking area, near the building.				
Evacuation signal :	Commun	Communication by voice or through a loud-hailer.				
Emergency personnel:	Ş	Stefano Benaglia	051 2090498	Luca Crocetta	051 2090492	
		Stefano Monti	051 2090526 339 6405667	Francesco Vai	051 2090489 333 6414850	

Building.

INDUSTRIAL ENGINEERING DEPARTMENT

SAFETY INSTRUCTIONS

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TECHNICAL PHYSICS LABORATORY – VIA TERRACINI 34, 40131 BOLOGNA						
Opening hours :	From Mo	onday to Friday: 8	3.00 – 16.00			
Where can I always find someone during opening hours, in case of emergency?		Mr. Chendi office, at ground floor (room nr. 341/PT/33) el.: 051 2090535				
External designated meeting point :	N K	Close to the driveway gate on "via Terracini".				
Evacuation signal :	Fire alarr	n.				
Emergency personnel :		Fabrizio Casarini	051 2090546	Stefania Falcioni	051 2090545 366 9097758	
		Maurizio Chendi	051 2090535 051 2090543 320 4239543			

METALLURGY LABORATORY - VIALE DEL RISORGIMENTO 4, 40136 BOLOGNA						
Opening hours :	From Mo	onday to Friday: 7	7.30 – 16.00			
Where can I always find someone during opening hours, in case of emergency?		Reception and Information Point in the main hall. el. : 051 2093650				
External designated meeting point :		In front of the main entrance of the Historical Building of the "Risorgimento 2" Area.				
Evacuation signal :	Fire alarr	Fire alarm.				
Emergency personnel (DIN		Antonio Agostani 051 2093445 Alessandro Morri 051 2093			051 2093463	
personnel in the Laboratory*):	Iuri Boromei 051 2093469					
Emergency Plan regards the en DIN and to the Industrial Chemis						

MONTEC	Montecuccolino Laboratories - viale dei Colli 16, 40136 Bologna				
Opening hours :	From Monday to Friday: 8.30 – 15.30				
Where can I always find someone during opening hours, in case of emergency?	Mr. Lepiane office, at ground floor (room nr. 357/PT/225). el. : 051 2087713 / 320 1844777				
ENEA surveillance service (17.00 – 9.00 on workdays; H24 in the weekend and on holidays) :	Guardroom in the hall at ground floor (room nr. 357/PT/128). el. : 051 6441711 // 051 6446128				
External designated meeting point :	External area in front of the main entrance.				
Evacuation signal :	Communication by voice.				
Emergency personnel :	Salvatore Lepiane 051 2087713 320 1844777				

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LABORATORIES AND OFFICES IN FORLÌ

MECHANICS AND AERONAUTICS LABORATORIES - VIA CICOGNANI 5/7, 47121 FORLÌ						
Opening hours :	The labor	atory is	closed due to	<mark>renovation/rearrangement a</mark>	<mark>activities.</mark>	
Where can I always find someone during opening hours, in case of emergency?		n case of emergency refer to UniBO personnel or call immediately for external aid: there is no room or telephone number specific for emergencies communication.				
External designated meeting points :		1. In the parking area, in front of the main entrance (to be verified).				
Evacuation signal :	Fire alarm	Fire alarm + lighting tables with the words "ALLARME ANTINCENDIO" ("FIRE ALARM"). The fire alarm plant is under maintenance.				
Emergency personnel:	Carlo Bezziccheri		0543 374405	Veronica Rossi	0543 374406 / 333 3629021	
	Paolo Proli		0543 374404			

CICLOPE LA	CICLOPE LABORATORY AND VISITOR CENTER - VIA G. ZOLI, 47016 PREDAPPIO (FC)				
Opening hours :	No fixed	opening hours: structures are open on the base of planned activities.			
Where can I always find someone during opening hours, in case of emergency?		of emergency refer to UniBO personnel or call immediately for external aid: no room or telephone number specific for emergencies communication.			
External designated meeting point :	TIME K	In the outdoor area, between the Laboratory main entrance and the Visitor Center building (the sign is not present).			
Evacuation signal :	Fire alarr	n.			
Emergency personnel :	_				
VERY IMPORTANT:	– If the F	e phones can't be used inside the Laboratory: no line is available. Fire Alarm is activated, call anyway Fire Fighters for support (115), because moment anti-fire plant is not connected to any alarm communication system.			

School of Engineering - "Montaspro" Building (via Montaspro 97, 47121 Forlì)						
Opening hours :	From Mo	onday to Friday: 8	3.00 – 18.30			
Where can I always find someone during opening hours, in case of emergency?		Reception in the hall. el. : 0543/374400				
External designated meeting points :		Parking area in front of the main entrance.				
Evacuation signal :	Fire alarn	Fire alarm and communication through loudspeakers.				
Emergency personnel :		Patrizia Assirelli	0543 374414	Roberta Poggi	0543 374419	
High Risk" anti-fire training		Giulia Chiadini 🎽	0543 374416	Cinzia Raggi	0543 374413	
must be organized		Daniele Garavini	0543 374428	External company	0543/374400	
only anti-fire emergency		Cosetta Piovaccari	0543 374434	personnel at the front office desk.		

School of Engi	School of Engineering - "Fontanelle" Building (via Fontanelle 40, 47121 Forli)					
Opening hours :	From Mo	rom Monday to Friday: 8.00 – 18.30				
Where can I always find someone during opening hours, in case of emergency?		Reception in the main hall, in the new building (347/PT/001). el.: 0543 3744–01, –17				
External designated meeting points :	Tim R	 On the front of the building, between the main entrance and the gate. Near the external parking area, on the side of the building. On the back of the building, between the building and the airport area. 				
Evacuation signal :	Fire alarm + lighting tables with the words "ALLARME ANTINCENDIO" ("FIRE ALARM").					
Emergency personnel:	External	company personnel at the front office desk.	0543 374401 0543 374417			

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PREVENTION MEASURES - BEHAVIOUR REQUIRMENTS

- Do not smoke. Do not use open flames, if not authorized.
- Do not overcharge electrical sockets. Turn off electrical equipments if not in use.
- Do not tamper, remove or use improperly anti-fire and safety equipments. Do not deactivate anti-fire plants.
- Keep free escape routes, emergency exits and the access to anti-fire equipment (fire extinguishers and fire hoses).

EVACUATION PROCEDURE

Evacuation signal :	Fire alarm or communication by voice (for example, through a loud-hailer): check the evacuation signal for the specific building.
What I have to do :	 No panic, keep calm! Don't scream, don't rush. Alert other people. Help people with disabilities or in trouble, without affecting your personal safety. Secure equipments, plants and hazardous materials, without affecting your personal safety. Close doors and windows, unless it is necessary to ventilate the local, like in the case of dangerous (explosive, toxic, corrosive, asphyxiant,) chemicals spills or gases/vapours leakages. Do not use elevators. Exit the building, close exit doors and reach designated meeting areas. Do not leave meeting points and do not re-enter the building until authorized.

EMERGENCY PROCEDURE - GENERAL CASE (NO MEDICAL EMERGENCY)

What I have to do :	 No panic, keep calm! Don't scream, don't rush. Stop activities and secure equipments, plants and hazardous materials, without affecting your personal safety. Close doors and windows, unless it is necessary to ventilate the local, like in the case of dangerous (explosive, toxic, corrosive, asphyxiant,) chemicals spills or gases/vapours leakages. Leave the area and alert other people. Help people with disabilities or in trouble, without affecting your personal safety. Be sure all the people understood the state of emergency (people with hearing or visual impairment, people wearing headphones or ear-protectors, etc.). Do not use elevators. Alert emergency personnel or other personnel in the building and follow their instructions. In case of serious emergency, if you cannot immediately contact emergency personnel, actuate fire alarm buttons and call for external aid. Then try to contact reference personnel in the building. Always report any accident to reference personnel in the building, even if it seemed to have no consequences.
I have to call:	 Emergency personnel or reference personnel in the building. In case of serious emergency: Fire Fighters (Emergency Number: 115) In case of public order hazard: Carabinieri (Emergency Number: 112) or State Police (Emergency Number: 113)

EMERGENCY PROCEDURE - MEDICAL EMERGENCY

What I have to do :	 ▶ Keep calm. Stop and secure activities. ▶ Avoid leaving the victim alone, unless it is necessary for seeking help. ▶ Do not move an injured person, unless absolutely necessary. ▶ Provide first aid only if specifically trained, without affecting your personal safety. ▶ Alert internal emergency personnel and follow their instructions. ▶ Call immediately the emergency number 118 (Medical Emergency Aid) in case of serious accidents or if you cannot contact emergency personnel. Then inform the reference personnel in the building. ▶ Always report any accident to reference personnel in the building, even if it seemed to have no consequences.
I have to call:	 Emergency personnel or reference personnel in the building. In case of serious accidents: Medical Emergency Aid / Ambulance – Emergency number: 118

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EMERGENCY NUMBERS

TYPE OF EMERGENCY	I HAVE TO CALL	TELEPHONE *
FIRE, gas leaks, water leaks or flooding, structural collapses.	FIRE FIGHTERS	(0) 115
Medical Emergency	MEDICAL AID	(0) 118
Public order	CARABINIERI	(0) 112
	POLICE	(0) 113
	City Police - Bologna	(0) 051 266626
	City Police - Forlì	(0) 0543 712000
Poisoning: Italian National Reference Center	Poisoning Aid Center @ Niguarda Hospital, Milan	(0) 02 66101029
Environmental contamination	Fire Fighters	(0) 115
	ARPA Bologna – Environmental First Aid	L – V, 8.00 – 18.00: (0) 051 396211 otherwise: (0) 840 000 709
	ARPA Forlì – Environmental First Aid	L – V, 8.00 – 18.00: (0) 0543 4514-11, -41 otherwise: (0) 840 000 709
* Dial "0" for external calls from telephone	s installed in the building.	

	EMERGENCY CALL TO FIRE FIGHTERS OR TO POLICE/CARABINIERI		
	ENGLISH	ITALIAN	
1.	Say YOUR NAME and WHERE YOU ARE. – My name is (name and surname). – I'm calling from Bologna / Forlì. – Communicate the address and other useful informations for locating the place. – The phone I'm using is / My cell phone is	Dire CHI SIETE e DOVE SIETE. Sono (nome e cognome). Chiamo dal Comune di Bologna / di Forlì. Dare l'indirizzo della struttura e indicazioni utili per localizzare l'area in cui si è verificata l'emergenza. Il numero da cui sto chiamando è / Il mio cellulare è	
2.		DESCRIVERE IL TIPO DI EMERGENZA. Incendio, esplosione, crollo, allagamento, perdita di gas, versamento di sostanze pericolose o rischio di contaminazione ambientale, problema di ordine pubblico.	
3.	Report DAMAGE LEVEL: indicate affected area, number of affected people, number of INJURED PEOPLE.	Riferire ENTITÀ DEI DANNI: area interessata, numero delle persone coinvolte, PRESENZA DI FERITI.	
4.		Rispondere in modo chiaro alle domande dell'operatore e NON RIATTACCARE finché l'operatore non abbia ripetuto indirizzo e numero di telefono.	
5.	If possible, keep with you the telephone you used for the emergency call.	Portare con sé il telefono da cui è stata effettuata la chiamata, se possibile.	

	EMERGENCY CALL FOR MEDIC	AL AID or AMBULANCE - 118
	ENGLISH	ITALIAN
1.	Say YOUR NAME and WHERE YOU ARE. – My name is (name and surname). – I'm calling from Bologna / Forlì. – Communicate the address and other useful informations for locating the place. – The phone I'm using is / My cell phone is	Dire CHI SIETE e DOVE SIETE. - Sono (nome e cognome). - Chiamo dal Comune di Bologna / di Forlì. - Dare l'indirizzo della struttura e indicazioni utili per localizzare l'area in cui si è verificata l'emergenza. - Il numero da cui sto chiamando è / Il mio cellulare è
2.	REPORT FACTS: WHAT, WHEN and HOW MANY PEOPLE are affected.	DIRE COSA È SUCCESSO, QUANDO E INDICARE IL NUMERO DELLE PERSONE COINVOLTE.
3.	Report HEALTH CONDITIONS of AFFECTED PEOPLE: sex, age, health problems, vital signs (consciousness, breathing, heartbeat).	Riferire le CONDIZIONI DELLE PERSONE COINVOLTE: sesso, età, problemi di salute, parametri vitali (stato di coscienza, respirazione, battito cardiaco).
4.	Clearly answer the questions of the telephone operator and DO NOT STOP COMMUNICATION until he has repeated your address and phone number.	
5.	If possible, keep with you the telephone you used for the emergency call.	Portare con sé il telefono da cui è stata effettuata la chiamata, se possibile.

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EMERGENCY PROCEDURES

IN CASE OF:	SMALL FIRES
What I have to do :	 ▶ Keep calm. ▶ Stop activities and secure equipments, plants and hazardous materials, without affecting your personal safety. ▶ Alert other people. Help people with disabilities or in trouble, without affecting your personal safety. ▶ If you don't feel yourself able to face the fire, alert emergency personnel. If you cannot contact anybody (emergency or reference personnel in the building), push the fire alarm button and call the Fire Fighters. ▶ Try to extinguish flames only if the fire is very small. Use a fire extinguisher only if trained. Be sure to have a free escaping route and if your attempt fails, do not try again: leave the area and alert emergency personnel or call the Fire Fighters. ▶ Do not use elevators. ▶ Always report the event to reference personnel in the building, even if you extinguished the flames.
I have to call:	– Emergency personnel or reference personnel in the building.– Fire Fighters – Emergency Number: 115

IN CASE OF:	FIRE
What I have to do :	 ▶ Keep calm: don't scream, don't rush! ▶ Push the nearest fire alarm button. ▶ Leave the area and alert people near you. Help people with disabilities or in trouble, without affecting your personal safety. ▶ Secure equipments, plants and hazardous materials, without affecting your personal safety. ▶ Close doors and windows behind you. ▶ Evacuation procedure: do not use elevators, exit the building, reach designated meeting areas and do not leave them until authorized. To be kept in mind: ▶ If doors or door handles are warm, do not open them. ▶ If there is smoke: stay low, crawl on the floor, breath through a wet, if possible, handkerchief (or a T-shirt, a towel,) or try to breath only through the nose. ▶ If your clothing are burning: stop, throw yourself to the ground and roll yourself to smother flames. ▶ If you see someone whose clothes have been caught by flames: drop him to the ground and roll him on the ground to smother flames; if available, use water for extinguishing the flames, otherwise, blankets or clothes (NO SYNTHETIC FABRIC). NEVER USE a fire extinguisher for extinguishing burning clothes on a person.
I have to call:	Fire Fighters – Emergency number : 115

IN CASE OF:	WATER LEAKS or FLOOD
What I have to do :	 Leave the area and alert people near you. Help people with disabilities or in trouble, without affecting your personal safety. Secure equipments, plants and hazardous materials, without affecting your personal safety. Switch off and/or unplug all electrical devices and equipments, without affecting your personal safety. Leave immediately the area if you suspect the presence of substances which, in contact with water, can react in a violent way or release hazardous gases. Do not use elevators. Alert emergency or reference personnel in the building and follow their instructions.
	 In case of very serious events: ▶ Leave basements. ▶ Exit the building and reach designed meeting areas, unless they are inaccessible. ▶ Do not leave meeting points and do not re-enter the building until authorized.
I have to call:	 Emergency personnel or reference personnel in the building. In case of serious emergency: Fire Fighters – 115.

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IN CASE OF:	EARTHQUAKE
During shaking:	 ▶ DROP + COVER + HOLD: take shelter under a desk or in the frame of a door and hold tightly yourself until shaking stops. If it is not possible, try to stay near the walls of the room, and not in the middle. Protect your head with the arms, if no other protection is available. ▶ Keep away from windows, from glass or fragile objects, from hanging objects or structures, from furnitures which can tip over (lamp-holders, bookcases,), from electric devices. ▶ Do not rush out of the building. Exit carefully only if you are in a local at ground floor, with a direct access to an external open space. ▶ Do not use elevators.
When shaking stops:	 ► Exit the building carefully. Check floors and stairs stability before to walk on them. ► Help people with disabilities or in trouble, without affecting your personal safety. ► Reach designated meeting points and keep away from buildings, trees, electrical poles or lines, hanging or fragile structures (signs, windows, etc.). ► Do not use elevators. ► Do not use lighters or flames, electrical devices and electrical switches: earthquake could have caused gas leaks. ► Limit phone calls: leave lines free for emergency calls.
After an earthquake:	 Enter the building only if authorized by emergency personnel or by rescuers. Enter carefully, mainly in the case of laboratories, technical locals and storage areas. Inside Laboratories and storage areas: check for chemicals spills and fallen containers; as a precaution, wear required Personal Protective Equipments (PPE) before to enter, if in the locals are used or stored dangerous chemicals; check technical gases distribution lines and cylinders (supports and pressure gauges).
I have to call:	 Emergency personnel or reference personnel in the building. External Aid (Fire Fighters – 115; Medical Aid – 118), in case of serious emergency.

IN CASE OF:	LEAKS of METHANE GAS, FLAMMABLE THECHNICAL GASES or FLAMMABLE LIQUIDS
What I have to do :	 ▶ Stop activities and secure equipments, plants and hazardous materials, without affecting your personal safety: – close shut-off valves of the lines which caused the leakage; – ventilate the room; – do not switch off equipments by means of the their electrical switches, but actuate the general emergency switch of the electrical plant, outside the building, or an emergency switch located far enough from the area; – remove any ignition source: do not use flames, remove hot surfaces, do not generate sparks, do not actuate electrical switches, do not use electrical devices and equipments. ▶ Leave the area and alert people near you. Help people with disabilities or in trouble, without affecting your personal safety. ▶ Alert emergency personnel or other personnel in the building. In you cannot contact anybody and if the emergency does not end, call the Fire Fighters. ▶ In case of serious gas leakages, push the nearest fire alarm button and apply evacuation procedure.
I have to call:	 Emergency personnel or reference personnel in the building. In case of serious emergency: Fire Fighters – 115.

IN CASE OF:	POWER OUTAGE
What I have to do :	 ▶ Keep calm: don't scream, don't rush! ▶ Help people with disabilities or in trouble, without affecting your personal safety. ▶ Secure equipments, plants and hazardous materials, without affecting your personal safety. ▶ Switch off equipment in order to avoid any autonomous restart, if the black-out ends. ▶ Do not use elevators, even if the black-out appears as temporary or it regards only a part of the building. ▶ Report power outage to emergency or reference personnel, even if the black-out has been temporary, and follow their instructions.
I have to call:	Emergency personnel or reference personnel in the building.

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IN CASE OF:	HAZARDOUS MATERIAL SPILLS or ENVIRONMENTAL CONTAMINATION
What I have to do:	 ➤ Turn off any ventilation system. ➤ Isolate the area: alert and move people away, close the doors and, if possible, put sings on them in order to signal the hazard. ➤ Secure equipments, plants and hazardous materials, without affecting your personal safety. ➤ Open the windows to ventilate the room. ➤ Do not ventilate the room and turn off fume hoods, in case of spills of powders or of CMR-substances (Carcinogenic, Mutagenic and toxic to Reproduction substances). ➤ In case of spills of flammable or explosive liquids or powders or of substances which react in contact with water or the air forming flammable gases or vapours, remove any ignition source (flames, sparks, hot surfaces) and turn off the electrical supply with the general electrical switch or emergency switches for the specific area. ➤ Alert emergency or reference personnel in the building.
	In case of chemical product inhalation or contact with skin, eyes or clothes: ► Follow procedures described in Safety Data Sheets. If necessary, contact Medical Aid Service and provide the Safety Data Sheet of the chemical product.
	 In case of minor spills: Clean the area IF AND ONLY IF (all three conditions must be satisfied): specifically trained, required personal protective equipments (PPE) are available and have been properly worn, suitable means are available for containing and cleaning the spill and for managing collected waste. Inform always the personnel in the building, even if you cleaned up the spill by yourself.
	 In case of major spills of very hazardous (flammable, explosive, toxic,) products: ► Alert people near you and move them away. Help people with disabilities or in trouble, without affecting your personal safety. ► Together with emergency personnel or reference personnel in the building, evaluate proper measures in order to restore the area or consider the need to evacuate the building and to alert external aids (Fire Fighters). ► Be prepared to give following informations, specially if external aids are called: chemical product identification and spilled quantities; hazard characteristics of the spilled chemicals; "when" and "where" the accident appened; if anyone has been injured or exposed to contamination.
I have to call:	 Emergency personnel or reference personnel in the building. In case of serious emergency: Fire Fighters – 115.

IN CASE OF:	VIOLENT or THREATENING SITUATIONS, SUSPICIOUS OBJECT or PACKAGE, SUSPICIOUS BEHAVIOUR
What I have to do :	 ▶ Keep calm, do not appear nervous. ▶ Do not face or try to block the suspect. ▶ Do not touch suspicious objects or packages. Do not use electric devices, like your cell phone, near them. ▶ Move yourself to a safe place or take shelter. ▶ Try to alert reference personnel in the building. ▶ Do not activate fire alarm. ▶ Always report any event of this type to reference personnel in the building, even if it seemed to have no consequences.
I have to call:	Carabinieri (Emergency Number: 112) or State Police (Emergency Number: 113).

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