

CosmoCruise 2015

A quick guide to your trip at the edge of discovery

CosmoCruise 2015

This 8-day Mediterranean cruise offers an opportunity to explore parts of Spain, Italy, and France. The cruise departs from Barcelona on Wednesday September 2nd, 2015 at 18.00 (PM) and returns back to Barcelona on Wednesday September 9th, 2015 at 9.00 AM. The conference program leaves everyday some hours of free-time between the morning and afternoon session so you can (re)discover the cities visited by the cruise, or explore the ship and enjoy its many amenities.

Itinerary



Naples, Rome, Vernazza, Cannes and Palma de Mallorca

<image>

Conference Rooms

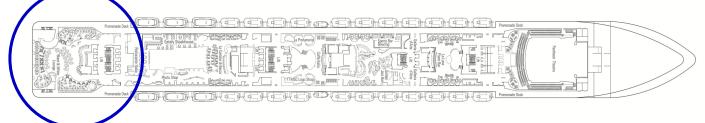
Theatre Deck 5 Saturno



Black and White

Deck 7 Apollo





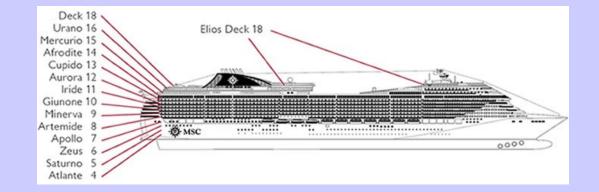


Sky and Stars

Deck 16 Urano



MSC Divina



FRIDAY SATURDAY SUNDAY MONDAY SEPT 04 SEPT 05 SEPT 06 SEPT 07	7:45 AM - 11:00 AM 7:45 AM - 11:00 AM 7:45 AM - 10:00 AM 7:45 AM - 10:30 AM	BLACK & WHITE BLACK & WHITE BLACK & WHITE BLACK & WHITE	A. Albrecht D. Scott J. Gaskins K. Dolag	7.45 AM 7.45 AM 7.45 AM 7.45 AM PRESENTION AND FUTURE CosNOLLOGICAL DARK MATTER SEARCHES THE INTERSTILAR NFLATION AND FUTURE CosNOLLOGICAL DARK MATTER SEARCHES THE INTERSTILAR NFLATION AND FUTURE A. Mugliaccio S. PARDITON OF GALAXIES IN A. Starobinsky A. Mugliaccio S. Adm DARK MATTER SEARCHES THE INTERSTILAR A. Starobinsky A. Mugliaccio S. Adm DARK MATTER SEARCHES PRESENTURE A. Starobinsky B.40 AM Constraining Primordial N. Mugliaccio S. Adm DARK MATTER SEARCHES PRESENTURE B.40 AM Constraining Primordial R. Essig N. Matter S. Adm S. Adm <td< th=""><th>REAK SESSION BREAK SESSION BREAK Civitavecchia La Spezia Vernazza Cannes</th></td<>	REAK SESSION BREAK SESSION BREAK Civitavecchia La Spezia Vernazza Cannes
THURSDAY FF	7:45 AM - 11:00 AM 7:45 AM	THEATRE	G. De Zotti A. A	7:45 AM 7:45 AM Welcome Presentation Nr.H.atton And FUTT J. M. Diego PRESENT STATUS OF M. Mordolesi Nr. HLATION AND FUTT 8:00 AM A. Starobinsky 8:00 AM Resentation N. Mandolesi A. Starobinsky 8:55 AM A. Starobinsky Results FROM THE 8:40 AM PLANCK MISSION Reheating Prediction N. Mandolesi N. Mandolesi N. Mandolesi Reheating Prediction 8:55 AM Look CMB Lensing 9:05 AM Results from ACTPol In Single Field Inflatio Results from ACTPol In Single Field Inflation N. Sehgal 9:05 AM N. Sehgal In Single Field Inflation N. Sehgal In Bucker N. Sehgal In Bucker N. Sehgal In Bucker N. Sehgal In Bucker Dol CMB MONOPOLES In Bucker D. Scott In Bucker D. Scott In Bucker D. Scott In Inflationary D. Pogosian In Scole of Nonlinear	SESSION BREAK SESSION BREAK

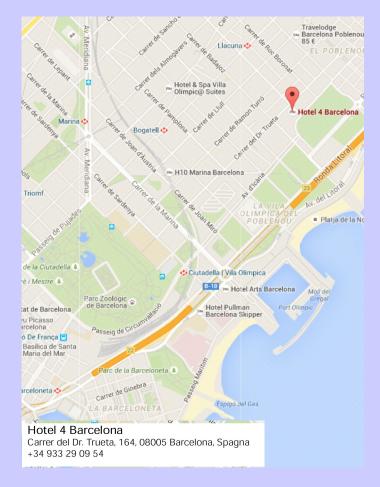
	THURSDAY SEPT 03	FRIDAY SEPT 04	SATURDAY SEPT 05	SUNDAY SEPT 06	MONDAY SEPT 07	TUESDAY SEPT 08
BEGIN - END	3:00 PM - 5:30 PM	4:15 PM - 7:00 PM	5:30 PM - 7:00 PM	5:30 PM - 7:00 PM	4:00 PM - 7:00 PM	4:00 PM - 7:00 PM
LOCATION	BLACK & WHITE	BLACK & WHITE	BLACK & WHITE	BLACK & WHITE	BLACK & WHITE	BLACK & WHITE
CHAIR	A. Refregier	N. Sehgal	J. Merten	G. Bertone	C. Lagos	Ј. Коvас
AFTERNOON SESSION	3:00 PM B-MODE MEASUREMENTS FROM THE SOUTH POLE J. Kovac 3:55 PM Non-gaussian Imprints of Primordial Magnetic Fields from Inflation R. K. Jain A: Z0 PM Higher Order Momentum Analysis as a Powerful Test of the Planck CMB Maps D. Molinari	4:15 PM WEAK LENSING A. Refregier 5:10 PM Weighted Randoms for Multi-epoch Surveys: Application to CFHTLenS and KiDS C. Morrison 5:35 PM The Concentration-Mass Relation from CLASH J. Merten 5:35 PM The Concentration-Mass Relation from CLASH J. Merten Cluster Cosmology and Growth Probes with High- Resolution CMB Experiments M. Madhavacheril 6:25 PM Observational Evidences for Existence of the Magnetic Monopole and its Significance Q. Peng	5:30 PM INFLATION, TUNING AND MEASURES A. Albrecht 6:25 PM Inflation with Entaglement Between Scalar and Tensor Modes N. Bolis	5:30 PM HIGH-ENERGY ASTROPARTICLES AND DARK MATTER J. Gaskins 6:25 PM Dark Matter in the Hubble Frontier Fields Clusters J. M. Diego	4:00 PM GALAXY-AGN GALAXY-AGN CO-EVOLUTION: A PHYSICAL APPROACH G. De Zotti 4:55 PM The Magneticum Simulations K. Dolag 5:20 PM Large Scale Structure Formation with the Schroedinger Method C. Uhleman C. Uhleman C. Uhleman Schroedinger Method C. Uhleman Schroedinger Method C. Uhleman Schroedinger Method C. Uhleman Schroedinger Method Combining Power Spectra and Bispectra Y. Song 6:10 PM Surprise Talk TBD	4:00 PM BEYOND THE COSMOLOGICAL STANDARD MODEL A. Joyce 4:55 PM On the Phenomenology of Extended Brans-Dicke Gravity N. Lima 5:20 PM Exploring Cosmic Rays by Balloon, Satellite and Space Station Experiments P. Picozza 5:50 PM Holography for a Non- Inflationary Early Universe K. Hinterbichler 6:15 PM Superluminalities in EFT G. Goon
7 PM			DINNER (Buffet and D	DINNER (Buffet and Designated Restaurant)		
		[↓] DAI		CKING SCHEDULE		
DAY	THURSDAY SEPT 03	FRIDAY SEPT 04	SATURDAY SEPT 05	SUNDAY SEPT 06	MONDAY SEPT 07	TUESDAY SEPT 08
DOCKING	ALL DAY AT SEA	8:00 AM - 7:00 PM	7:00 AM - 7:00 PM	8:00 AM - 2:00 AM (Sept 7)	10:30 AM - 7:00 PM	2:00 PM - 12:30 AM (Midnight)
PLACE	MEDITERRANEAN SEA	NAPLES	CIVITAVECCHIA	LA SPEZIA	CANNES	PALMA DE MALLORCA

INVITED TALKS: 50 + 3 | REGULAR TALKS: 20 + 3
 MSC WELCOME TALK: SEPTEMBER 2 at 3:15 PM in the BLACK & WHITE

Practical Info

Pre-Registration

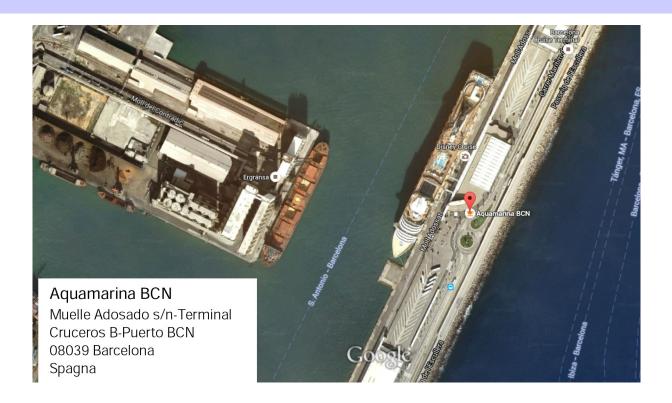
A pre-registration will take place on Tuesday September the 1st at the Hotel 4 in Barcelona, a chance to meet with the other participants and enjoy a glass of wine together.



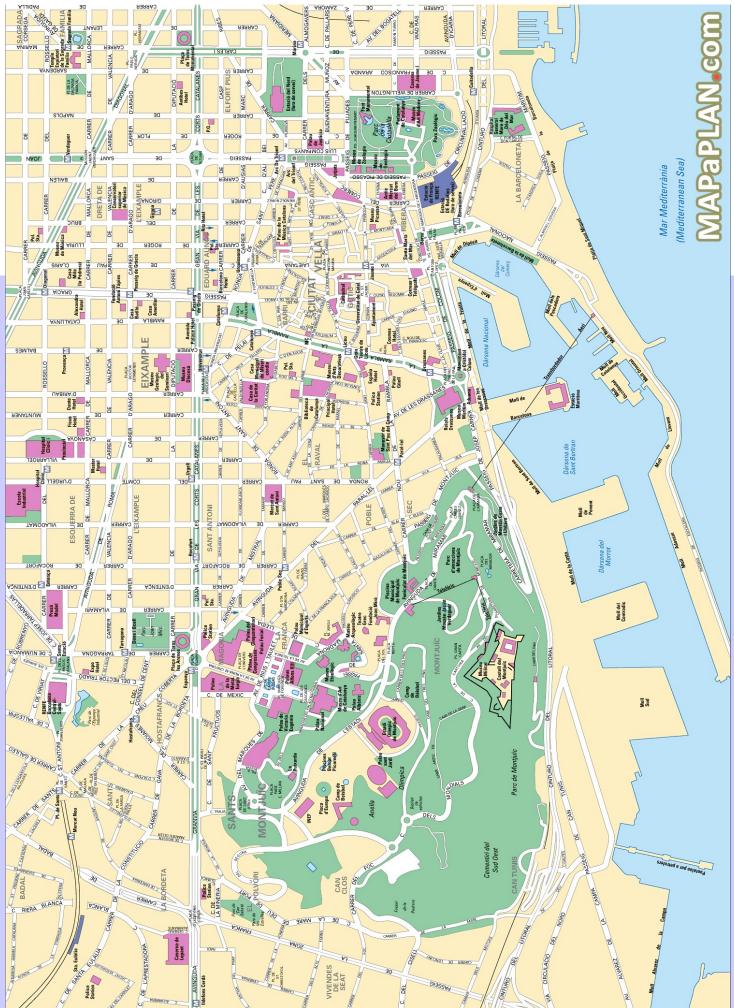
Boarding/Disembarking

Boarding will take place on Sept. 2nd between 1 pm and 5 pm. A registration desk for the conference participants will be located near the check-in desk of the cruise.

Disembarking will take place on Sept. 9th between 11 am and 12 pm.



Barcelona



Naples

Naples is the capital of the Italian region Campania and the third-largest municipality in Italy, after Rome and Milan. Naples is one of the oldest continuously inhabited cities in the world. Bronze Age Greek settlements were established in the Naples area in the second millennium BC.

Naples' historic city centre is the largest in Europe, covering 1,700 hectares (4,200 acres) and enclosing 27 centuries of history, and is listed by UNESCO as a World Heritage Site. Naples has long been a major cultural centre with a global sphere of influence, particularly during the Renaissance and Enlightenment eras. In the immediate vicinity of Naples are numerous culturally and historically significant sites, including the Palace of Caserta and the Roman ruins of Pompeii and Herculaneum. Culinarily, Naples is synonymous with pizza, which originated in the city.

Piazzas, palaces and castles

The main city square or piazza of the city is the Piazza del Plebiscito. Its construction was begun by the Bonapartist king Joachim Murat and finished by the Bourbon king Ferdinand IV. The piazza bounded on the east by the Royal Palace and on the west by the church of San Francesco di Paola, with the colonnades extending on both sides. Nearby is the Teatro di San Carlo, which is the oldest opera house in Italy. Directly across from San Carlo is Galleria Umberto, a shopping centre and social hub.

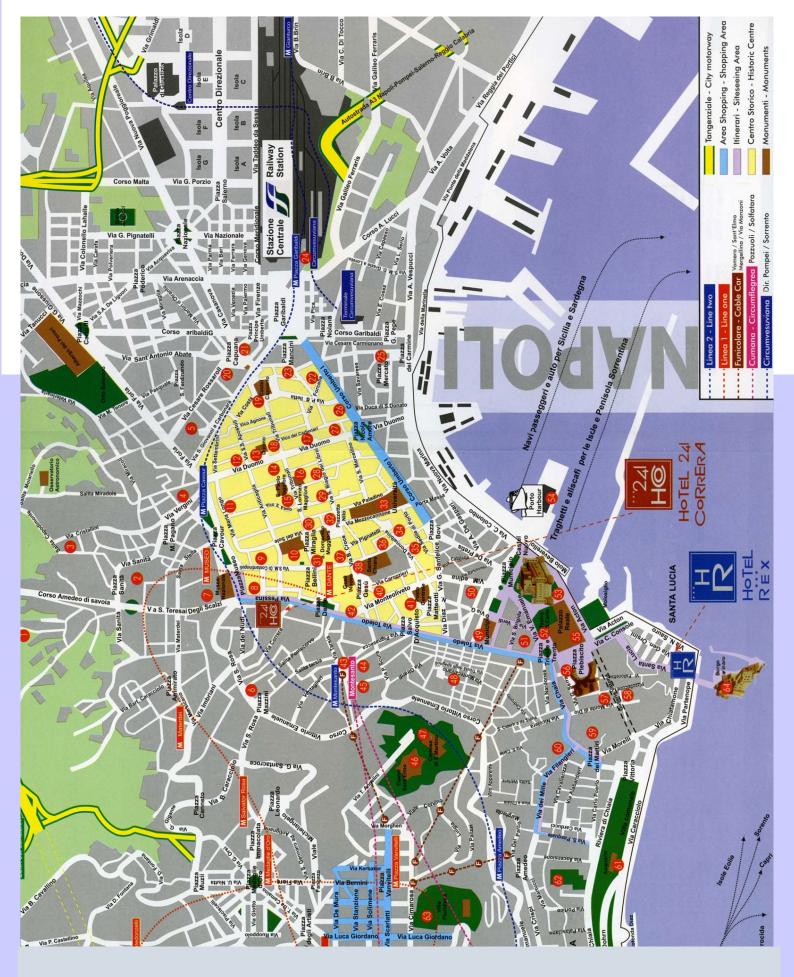
Naples is well known for its historic castles: the ancient Castel Nuovo, also known as Maschio Angioino, is one of the city's foremost landmarks; it was built during the time of Charles I, the first king of Naples. Castel Nuovo has seen many notable historical events: for example, in 1294, Pope Celestine V resigned as pope in a hall of the castle, and following this Pope Boniface VIII was elected pope by the cardinal collegium, before moving to Rome. The castle which Nuovo replaced in importance was the Norman-founded Castel dell'Ovo ("Egg Castle"), which was built on the tiny islet of Megarides, where the original Cumaean colonists had founded the city.

Another Neapolitan castle of note is Sant'Elmo, which was completed in 1329 and is built in the shape of a star. During the uprising of Masaniello in 1647, the Spanish took refuge in Sant'Elmo to escape the revolutionaries. The Vigliena Fort, which was built in 1702, was destroyed in 1799 during the royalist war against the Parthenopean Republic, and is now abandoned and in ruin. The Carmine Castle, built in 1392 and highly modified in the 16th century by the Spanish, was demolished in 1906 to make room for the Via Marina, although two of the castle's towers remain as a monument.

Museums

Naples is widely known for its wealth of historical museums. The Naples National Archaeological Museum is one of the city's main museums, with one of the most extensive collections of artifacts of the Roman Empire in the world. Previously a Bourbon palace, now a museum and art gallery, the Museo di Capodimonte is another museum of note. The gallery features paintings from the 13th to the 18th centuries, including major works by Simone Martini, Raphael, Titian, Caravaggio, El Greco, Jusepe de Ribera and Luca Giordano. The royal apartments are furnished with antique 18th-century furniture and a collection of porcelain and majolica from the various royal residences: the famous Capodimonte Porcelain Factory once stood just adjacent to the palace.

In front of the Royal Palace of Naples stands the Galleria Umberto I, which contains the Coral Jewellery Museum. Occupying a 19th-century palazzo renovated by the Portuguese architect Álvaro Siza, the Museo d'Arte Contemporanea Donnaregina (MADRE) features an enfilade procession of permanent installations by artists such as Francesco Clemente, Richard Serra, and Rebecca Horn. The 16th-century palace of Roccella hosts the Palazzo delle Arti Napoli, which contains the civic collections of art belonging to the City of Naples, and features temporary exhibits of art and culture. Palazzo Como, which dates from the 15th century, hosts the Museo Filangieri of plastic arts, created in 1883 by Gaetano Filangieri.



Although Naples is a wonderful city full of beauty and its inhabitants are usually very open and friendly, the city has a very high crime rate. Tourists and foreigners are especially targeted, therefore please be very cautios. Keep your belongings always under control and always beware of pinpockets. Do not trust anybody trying to sell you anything on the streets and for whatever problem refer to a police officers (in Italy we have three corps: "polizia", "carabinieri" or "vigili urbani")

Civitavecchia-Rome

Civitavecchia is a town and comune of the province of Rome in the central Italian region of Lazio. A sea port on the Tyrrhenian Sea, it is located 80 kilometres (50 miles) west-north-west of Rome, across the Mignone river. The harbour is formed by two piers and a breakwater, on which is a lighthouse. The name Civitavecchia means "ancient town".

The massive Forte Michelangelo was first commissioned from Donato Bramante by Pope Julius II, to defend the port of Rome. The upper part of the "maschio" tower, however, was designed by Michelangelo, whose name is generally applied to the fortress. North of the city at Ficoncella are the Terme Taurine baths frequented by Romans and still popular with the Civitavecchiesi. The modern name stems from the common fig plants among the various pools. And also next to the town is the location of the cruise ship docks. All major cruise lines start and end their cruises at this location, and others stop for short excursion days that allow guests to see Rome and Vatican sights. The trip to Rome takes 90 mins therefore be careful planning your visit to be on time for the afternoon session.



Prosegue	Civitavecchia	Santa Marinella	Santa Severa	Marina Di Cerveteri	Cerveteri Ladispoli	Torre In Pietra Palidoro	Maccarese Fregene	Roma Aurelia	Roma S. Pietro	Roma Trastevere	Roma Ostiense	Roma Tuscolana	Roma Termini	Info:	 ℜ Soppresso ℜ Rinumerato † Viaggia solo ⑦ Orari/fermate diversi 	■ il sabato ■ la domenica ■ entrambi
+	5:00	F	5:18	5:24	5:29	Find	E . 44			6:07	5:55 6:12	6.17	6:25		ICN 799 Reg 12223	
-	5:05 5:32	5:11 5:38	5:10	5:24	5:54	5:36	5:41 6:05	6:14	6:20	6:27	6:33	6:17 6:39	6:48	*	Reg 12223_ Reg 23651	
	5:58 6:13	6:04 6:19	6:11 6:26	6:17 6:32	6:23 6:38	6:30 6:45	6:36 6:51	6:45 7:00	6:54 7:09	6:59 7:14	7:06 7:21	7:11 7:26	7:18	*	Reg 12225_ Reg 7143	5 - 9 -
	6:28	6:34	6:41	6:47	6:53	7:00	7:06	7:15	7:22	7:27	7:34	7:40	7:33	Â	Reg 12227	
*	6:36	6:42	7.45	6:53	6:59	7:07	7:12		7:27	7:33	7:39	7:44	7:50	*	Reg 23653	Generato con
	7:02 7:19	7:08	7:15 7:34	7:22 7:41	7:28 7:46	7:53	7:38 7:59	8:08	7:55 8:15	8:00 8:20	8:07 8:27	8:32	8:18 8:40	*	Reg 12229_ Reg 12231	8
	7:30	7:36		7:47	7:53	8:00	8:06		8:20	8:26	8:33	8:41	8:48	+	Reg 7157	8
+ +	7:34 7:44	7:40 7:50		7:51 8:00	7:56 8:05	8:03	8:09		8:28 8:24	8:34 8:29	8:39	8:44	8:50 8:48	*	Reg 7155 Reg 23655	Roma
-	7:50										8:34		8:45	+	IC 1571	ō
-	7:58 8:01	8:04 8:07	8:11 8:14	8:17 8:20	8:23 8:25	8:30 8:32	8:36 8:38	8:45 8:47	8:54 8:54	8:59 8:59	9:06	9:11 9:11	9:18 9:18	* +	Reg 23657 Reg 12235	~
-	8:42	8:48	0.14	8:58	9:04	0.52	0.50	0.47	9:24	9:29	9:36	9.11	9:48	l .	RV 2335	★
	8:56	9:02	9:09	9:15	9:21	9:28	9:34	9:44	9:56	10:01	10:06	10:11	10:18	+	Reg 7135	
-	8:59 9:18	9:05	9:12	9:18	9:24			9:44	9:56	10:01	10:06 10:18	10:11	10:18	*	Reg 12233_ IC 501	.2
	9:32	9:38	9:45	9:51	9:57	10:04	10:10	10:19	10:25	10:30	10:37	10:42	10:50	+	Reg 7301	
	9:43 9:58	9:49 10:05	10:12	10:00 10:18	10:05 10:23	10:30	10:14 10:36	10:45	10:26	10:31 10:59	10:38 11:06	11:11	10:48 11:18	*	Reg 12237 Reg 12239	Ž.
-	10:44	10:50		11:00	11:04	10.50	10.50	10.45	11:24	11:29	11:36	11.11	11:48		RV 2337	3
+	10:53 11:18	10:59	11:06	11:12	11:18	11:25	11:30	11:41	11:54	11:59	12:06	12:11	12:18 12:03	*	Reg 12241_ FB 9763	8
-	11:18	11:49		12:00	12:05		12:14	all	12:26	12:31	12:38		12:03	*	Reg 12243	Civitavecchia
	11:58	12:04	12:11	12:17	12:23	12:30	12:36	12:45	12:54	12:59	13:06	13:11	13:18	*	Reg 12245	
	12:43 12:58	12:49 13:04	13:11	13:00 13:17	13:04 13:23	13:30	13:14 13:36	13:45	13:26 13:54	13:31 13:59	13:38 14:06	14:11	13:48 14:18	~	Reg 12247_ Reg 12249	0
	13:23					10.00		10110			14:20		14:33		IC 505	
	13:43 13:58	13:49 14:04	14:11	14:00 14:17	14:05 14:23	14:30	14:14	14:45	14:26 14:54	14:31 14:59	14:38 15:06	15:11	14:48 15:18		Reg 12251 Reg 12253	
-	14:44	14:50	14.11	15:00	15:04	14.30	14.30	14.45	15:24	15:29	15:36	15.11	15:48	<u> </u>	RV 2339	
+	14:58	15:04	15:11	15:17	15:23	15:30	15:35	15:44	15:53	15:58	16:05	16:10	16:18	٤	Reg 12255 FB 9773	56
-	15:51 15:58	16:04	16:11	16:17	16:23	16:29	16:35	16:44	16:53	16:58	17:05	17:10	16:32 17:18	*	Reg 12257	/2015
-	16:44	16:50		17:00	17:04	2			17:24	17:29	17:36		17:47		RV 2341	2,2
-	16:53 17:08	16:59	17:06	17:12	17:18	17:25	17:30	17:40	17:54	17:59	18:06 17:52	18:11	18:18 18:03		Reg 12259 IC 511	5/ 00
	17:43	17:49		17:59	18:04		18:13		18:26	18:31	18:38		18:48	1	Reg 23659	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
+	17:58 18:44	18:04 18:50	18:11	18:17	18:23 19:04	18:30	18:36	18:45	18:54 19:24	18:59 19:29	19:06 19:36	19:11	19:18 19:48	(b) 🗓	Reg 23661 RV 2343	
-	18:44	18:50	19:06	19:00	19:04	19:24	19:30	19:40	19:24	19:29	20:06	20:11	20:18	×	Reg 12261	i i i i i i i i i i i i i i i i i i i
•	19:18	10.15	200		10 50								20:03		FB 9777	Orario relativo al 22/06/2015 Valido al più fino al 12/12/2015
+	19:34 20:44	19:40 20:50		19:50 21:00	19:56 21:04	20:03	20:09		20:24 21:24	20:29 21:29	20:36 21:36	20:41	20:48 21:48		Reg 12263 RV 2345	
	21:09	21:15	21:23	21:35	21:40	21:47	21:52	22:01	22:09	22:14	22:21	22:26	22:33	*	Reg 12267	
-	21:18 21:43	21:49	21:56	22:02	22:08	22:15	22:21	22:30	22:39	22:44	22:51	22:56	22:03 23:03	*	FB 9781 Reg 12269	ii ii
-	21:43	21:49	21:56	22:02	22:08	22:15	22:21	22:30	22:39	22:44	22:51	22:56	23:03	Ĩ		Orario

Roma Termini	Roma Tuscolana	Roma Ostiense	Roma Trastevere	Roma S. Pietro	Roma Aurelia	Maccarese Fregene	Torre In Pietra Palidoro	Cerveteri Ladispoli	Marina Di Cerveteri	Santa Severa	Santa Marinella	Civitavecchia	Prosegue	Info:	 ✗ Soppresso ☑ Rinumerato † Viaggia solo ⊘ Orari/fermate diversi 	■ il sabato ■ la domenica ■ entrambi	
		0:03		_								0:48	+		ICN 796		
5:26 6:12	5:32	5:37 6:23	5:41 6:27	5:46 6:32	5:52	6:01	6:07	6:14 6:51	6:19 6:55	6:26	6:34 7:06	6:40 7:13	→ →	*	Reg 23650_ RV 2336	Time	8
6:42	6:48	6:53	6:57	7:02	7:07	7:21	7:28	7:37	7:42	7:48	7:56	8:04	1		Reg 12226		ble
6:57		0.00	0.07			,						7:39	4	D	FB 9764	5 - 9	ш.
7:12	7:18	7:23	7:27	7:32	7:38	7:47		7:58	8:03		8:14	8:25	0	*	Reg 12228_	Generato con Train	ooT
7:27 8:12	7:33 8:18	7:38 8:23	7:42 8:27	7:47 8:32	7:52 8:38	8:00 8:47	8:06	8:13 8:57	8:17 9:02	8:25	8:33 9:12	8:44 9:20	1	×	Reg 12230 Reg 12232	E E	
8:42	8:48	8:53	8:57	9:02	9:08	9:17	9:23	9:30	9:35	9:41	9:49	9:59			Reg 12234	8 🔳	
9:12		9:21	9:25	9:30	9:36	9:45		9:55	10:00		10:10	10:18			Reg 12236	5	
9:42	9:48	9:53	9:57	10:02	10:08	10:23	10:29	10:36	10:40	10:47	10:54	11:04	-		Reg 12238	Civitavecchia	
9:57 10:12		10:07 10:23	10:27	10:32				10:51	10:56		11:06	10:45 11:13	*		IC 510 RV 2338		
10:42	10:48	10:53	10:57	11:02	11:08	11:17	11:23	11:30	11:35	11:41	11:49	11:59		*	Reg 12240	Ŭ	
11:12		11:21	11:25	11:30		11:42		11:52	11:57		12:08	12:16			Reg 12242	e e	
11:12	11:18	11:23	11:27	11:32	11:38	11:47	11:53	12:00	12:05	12:11	12:19	12:27 13:04			Reg 7300	5	
11:42 11:57	11:48	11:53	11:57	12:02	12:07	12:21	12:28	12:37	12:41	12:48	12:56	12:39	+	~	Reg 12244 FB 9772	ž	
12:12		12:23	12:27	12:32				12:51	12:56		13:06	13:13	-		RV 2340	5	
12:42	12:48	12:53	12:57	13:02	13:08	13:17	13:23	13:30	13:35	13:42	13:50	13:59			Reg 12246_	5	
13:12 13:42	13:48	13:21 13:53	13:25 13:57	13:30 14:02	14:07	13:42 14:21	13:49 14:28	13:57	14:02 14:41	14:48	14:12 14:56	14:19 15:04	→		Reg 23652 Reg 12248		
13:42	13:48	12:22	13:57	14:02	14:07	14:21	14:28	14:37	14:41	14:48	14:50	14:37	+	*	FB 9774	↑	
14:12		14:23	14:27	14:32				14:51	14:56		15:06	15:13	+		RV 2342		
14:42	14:48	14:53	14:57	15:02	15:08	15:17	15:23	15:30	15:35	15:41	15:49	15:59			Reg 12250	Ĕ	
15:12 15:42	15:48	15:21 15:53	15:25 15:57	15:30 16:02	16:08	15:42 16:23	15:48 16:29	15:55 16:36	16:00 16:41	16:48	16:10 16:55	16:18 17:05	•		Reg 23654 Reg 12252	5	
15:57	13.40	16:07	13.37	10.02	10.03	10.25	10.29	10.50	10.41	10.40	10.55	16:45	+	\cap	IC 518	Roma	
16:12		16:23	16:27	16:32				16:51	16:56		17:06	17:13	+		RV 2344		
16:42	16:48	16:53	16:57	17:02	17:08	17:22	17:29	17:37	17:42	17:48	17:56	18:04		٤	Reg 12254		
16:57 17:12		17:22	17:26	17:31		17:43		17:55	18:00		18:10	17:39 18:17	⇒ ⇒	*	FB 9782 Reg 23656		
17:27	17:33	17:38	17:42	17:47	17:53	18:02	18:08	18:15	18:19	18:26	18:34	18:44	1		Reg 12256		
17:42	<u>17</u> :48	17:53	17:57	18:02	18:08	18:17	18:23	18:30	18:34	18:41	18:49	18:59		*	Reg 12258_		1.5
18:12	18:18	18:23	18:27	18:32		18:49		19:00	19:05		19:15	19:22 19:06	→ →		RV 2346 FB 9784		2015 2/201
18:27 18:42	18:48	18:53	18:57	19:02	19:08	19:17	19:23	19:30	19:35	19:42	19:50	19:08	-		Reg 12260		5 5
18:57	19:03	19:08	19:12	19:17	19:23	19:32	19:38	19:45	19:49	19:56	20:04	20:14		*	Reg 12262		7 6
19:12		19:21	19:25	19:30	19:36	19:45	19:51	20:04	20:10		20:20	20:28	+		Reg 23658		25
10.42	19:48	19:41 19:53	19:57	20.02	20.08	20.17	20:23	20.20	20.25	20:41	20:49	20:21 20:59	•		IC 522 Reg 12264		22/06/ al 12/1
19:42 20:12	19:46	20:23	20:27	20:02	20:08	20:17	20:23	20:30 20:51	20:35 20:56	20:41	20:49	20:59	-	^	RV 2348		
20:42	20:48	20:53	20:57	21:02	21:08	21:17	21:23	21:30	21:35	21:42	21:49	21:59			Reg 12266		le il
21:12		21:21	21:25	21:30		21:42	21:48	21:55	22:00		22:11	22:19	+	-	Reg 23660		E E I
22:12 22:12	22:18 22:18	22:23	22:27	22:32 22:32	22:38 22:38	22:47 22:47	22:53 22:53	23:00 23:00	23:05 23:05	23:12	23:19 23:15	23:27 23:23	→		Reg 12270 Reg 7140		relativo al al più fino
23:27	23:33	23:38	23:42	23:47	23:53	0:01	0:08	0:16	0:20	0:27	0:36	0:44	1		Reg 12272		z a
																	Orario relativo al 22/06/2015 Valido al più fino al 12/12/2015

Rome

Rome is a city and special comune (named "Roma Capitale") in Italy. Rome is the capital of Italy and of the Lazio region. The city is located in the central-western portion of the Italian Peninsula, within Lazio (Latium), along the shores of Tiber river. Vatican City is an independent country within the city boundaries of Rome, the only existing example of a country within a city: for this reason Rome has been often defined as capital of two states.

Rome's history spans more than two and a half thousand years. While Roman mythology dates the founding of Rome at only around 753 BC, the site has been inhabited for much longer, making it one of the oldest continuously occupied cities in Europe.

Together with the Roman empire history, Rome has been one of the first major centers of the Italian Renaissance, and then the birthplace of both the Baroque style and Neoclassicism.

Rome today is one of the most important tourist destinations of the world, due to the incalculable immensity of its archaeological and artistic treasures, as well as for the charm of its unique traditions, the beauty of its panoramic views, and the majesty of its magnificent "villas" (parks). Among the most significant resources are the many museums - Musei Capitolini, the Vatican Museums and the Galleria Borghese and others dedicated to modern and contemporary art - aqueducts, fountains, churches, palaces, historical buildings, the monuments and ruins of the Roman Forum, and the Catacombs.

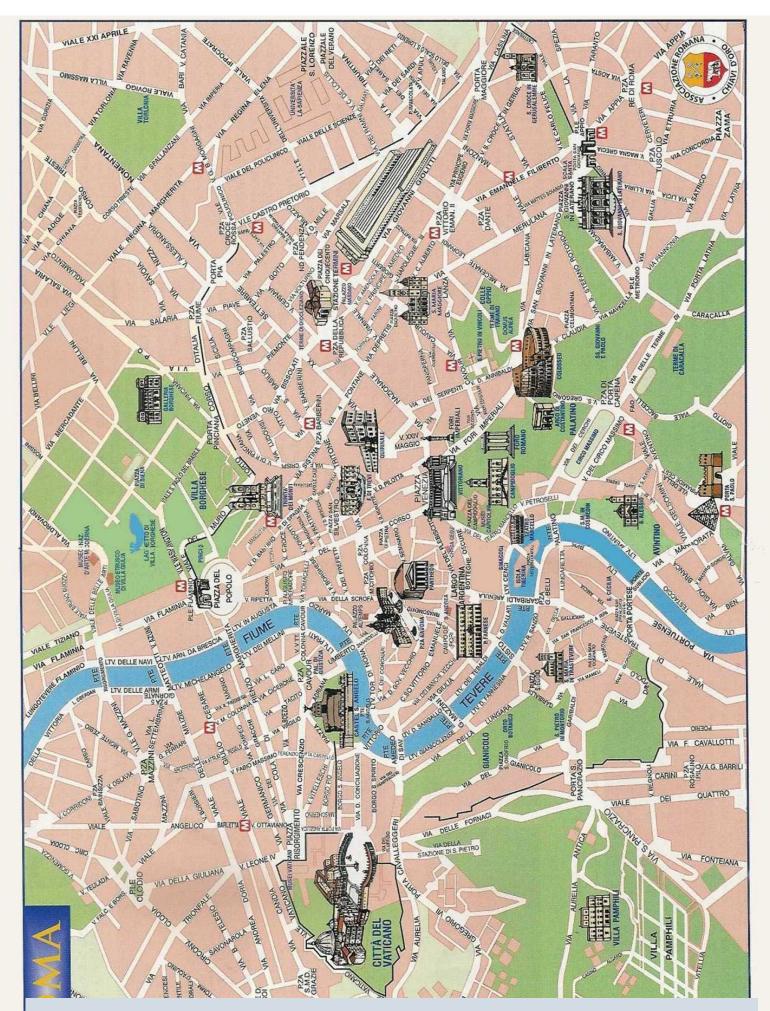
Rome contains numerous ancient sites, including the Forum Romanum, Trajan's Market, Trajan's Forum, the Colosseum, and the Pantheon, to name but a few. The Colosseum, arguably one of Rome's most iconic archaeological sites, is regarded as a wonder of the world.

Rome contains a vast and impressive collection of art, sculpture, fountains, mosaics, frescos, and paintings, from all different periods. Rome first became a major artistic centre during ancient Rome, with forms of important Roman art such as architecture, painting, sculpture and mosaic work. Metal-work, coin die and gem engraving, ivory carvings, figurine glass, pottery, and book illustrations are considered to be 'minor' forms of Roman artwork.

Rome later became a major centre of Renaissance art, since the popes spent large amount of money for the constructions of grandiose basilicas, palaces, piazzas and public buildings in general. Rome became one of Europe's major centres of Renaissance artwork, second only to Florence, and able to compare to other major cities and cultural centres, such as Paris and Venice. The city was affected greatly by the baroque, and Rome became the home of numerous artists and architects, such as Bernini, Caravaggio, Carracci, Borromini and Cortona.

In the late 18th century and early 19th century, the city was one of the centres of the Grand Tour, when wealthy, young English and other European aristocrats visited the city to learn about ancient Roman culture, art, philosophy and architecture. Rome hosted a great number of neoclassical and rococo artists, such as Pannini and Bernardo Bellotto. Today, the city is a major artistic centre, with numerous art institutes and museums.

Rome has a growing stock of contemporary and modern art and architecture. The National Gallery of Modern Art, for example, has works by Balla, Morandi, Pirandello, Carrà, De Chirico, De Pisis, Guttuso, Fontana, Burri, Mastroianni, Turcato, Kandisky and Cézanne on permanent exhibition.



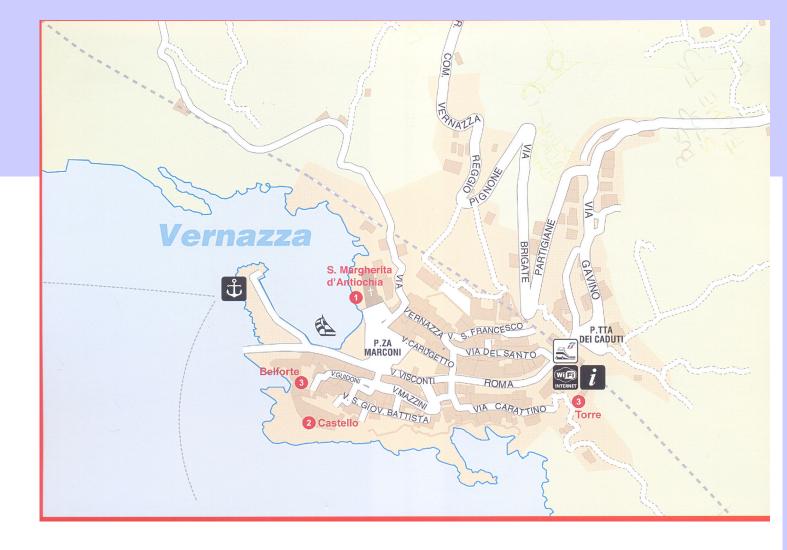
The Eternal city like all touristic cities is not free of bad people. Please again be very cautions especially on crowded places and public transportations. Keep your belongings always under control and always beware of pinpockets. Again for any problem refer to a police officer.

Vernazza Trip

Vernazza is one of the biggest "small towns" that form the famous touristic site "Le Cinque Terre" (UNESCO Word Heritage). It is placed in the middle of Le Cinque Terre park, between Corniglia and Monterosso. It is a beautiful town on a marvellous blue sea with a medieval little castle which dominates the gulf, from which, after a little bit of stairs, you can loose yourself in a beautiful sight of the entire Cinque Terre natural park.

You can enjoy Vernazza walking through little streets full of colors, with their little shops in which you can find some peculiar souvenirs and the typical food of the region. One of the local delights is "Focaccia", a leavened soft bread with olive oil and with dressings for every taste such as olives, cheese, little tomatoes, vegetables. Another deliciousness is "Farinata", a very thin pizza-like food made with chickpea flour. We strongly recommend that you try some of these tasty local delights as you explore this beautiful town.

As you travel, you will find a lot of typical restaurants which serve Italian food and wine to enjoy a good meal. In Vernazza, you can explore the historical heritage by visiting the castle and a beautiful Church, which are located over the sea by the town square. Don't forget your swimming suit so that you can enjoy Vernazza's beautiful crystal clear sea.





Trip Details

The trip to Vernazza will be on Sunday September 6th. It starts in La Spezia where the cruise will be docked. We will leave together from the Cruise terminal and reach La Spezia train station by bus. Then, we will take the train to reach Vernazza. There, you will be free to go around, enjoy the place or take a swim, as you prefer. We will recollect together in the afternoon at the train station and we will leave Vernazza by train reaching again the cruise terminal by bus from La Spezia station.

How to Go

The bus stop is in front of the Cruise terminal on the other side of the street. The name of bus stop is "Comune".

You can take the bus: number 3 to "Chiappa", line S or line L to "Fossitermi". The bus stop to get off is "La Spezia FS" or "Fiume FS."

The La Spezia station is about 2 Km far from the Cruise terminal, so you can even walk to it.

tai visualizzando:	Frecce Tutti i treni		
Partenza 🔺	Arrivo 🔫	Durata 👻	Treno
10:06 La Spezia Centrale	10:23 Vernazza	00:17	Regionale 24488
10:10 La Spezia Centrale	10:31 Vernazza	00:21	Regionale 1812
11:10 La Spezia Centrale	11:28 Vernazza	00:18	Regionale 24490
11:55 La Spezia Centrale	12:13 Vernazza	00:18	Regionale 24492
13:03 La Spezia Centrale	13:20 Vernazza	00:17	Regionale 11388
13:18 La Spezia Centrale	13:37 Vernazza	00:19	Regionale 24494

artenze per:			FER	IALE			1010 201		10
					and the second		1	ESTIV	0
DSSITERMI	06.030 07.150 08.45 10.150 11.450 13.150 13.150 14.450 16.150 17.45 19.150	06.18 07.28 09.00 ts 10.30 ts 12.00 ts 13.30 ts 15.00 ts 16.30 18.00 ts 19.30 ts	06.33 07.45 09.15 10.45 12.15 13.45 15.15 16.45 18.15 20.00	06.43 (5) 08.00 09.30 (5) 11.00 (5) 12.30 (5) 15.30 (5) 17.00 18.30 (5) 20.15 (5)	06.54 0 08.15 0 09.45 11.15 0 12.45 0 14.15 15.45 0 18.45 20.30	06.58 08.30 0 10.00 0 11.30 13.00 0 14.30 0 16.00 17.30 0 19.00 0	08.00 09.00 09.45 10.30 0 11.45 0 12.45 0 13.30 14.15 15.00 0 15.45 0 16.30 17.15 0 18.45 19.30 0	08.30 09.15.5 10.00 10.45.5 11.30 12.15.5 13.00 13.45 14.30 15.15.5 16.05 16.45.6 17.30 18.15 19.00	08.45 09.30 3 10.15 3 11.00 3 11.45 3 12.30 3 13.15 3 14.00 3 14.45 3 16.15 3 16.15 3 17.00 17.45 18.30 3 19.15 3
							19.30	19.450	20,00
Abilitata al serviz	zio per disal	bili					20.15	20.30	
Abilitata al serviz	zio per disal	Dili.					20.158	20.30	
	zio per disal	Dili.					20.15	20.30	V
Abilitata al serviz	zio per disal	bili.					20.15	~	SP136
3 00 00 00 00 00 00 00 00 00 0	All States	0 11 12 0 9 99 19 19 19 29 29 29 39 39 39 39 49 57	13 14 12 12 27 27 42 42 57 57	15 16 12 12 27 27 42 42	12 12 27 27 42 42	19 20 12 12 27 27 27 27	Sec.	2	SP136
3 3 4 5 6 7 52 07 12 22 21 22 21 27 27 42 39 57 49	8 9 1 19 1	0 11 12 0 11 12 0 19 19 19 29 29 29 39 39 39 39 59 59	13 14 12 12 27 27 42 42 57 57	15 16 12 12 27 27 42 42 57 57	17 18 12 12 27 27 42 42 57 57	12 12 27 27 42	Star Contraction of the second	~	SP136
3 00 00 00 00 00 00 00 00 00 0	8 9 1 19 1	0 11 12 0 11 12 0 19 19 19 29 29 29 39 39 39 39 59 59	13 14 12 12 27 27 42 42	15 16 12 12 27 27 42 42 57 57	17 18 12 12 27 27 42 42 57 57	12 12 27 27 42 57	49 55 55 55 55 55 55 55 55 55 55 55 55 55	~	SP136

How to Come Back

On the side, the time table of the train to go back to La Spezia. In yellow we have highlighted the train we should take in order to reach the cruise on time for the afternoon session.

In La Spezia the bus stop is in Via Fiume. To reach it, just go down the stairs in front of the train station, cross the street and turn left. You can walk to the Cruise terminal or take the buses **number 3** to **"Folattino"**, **line S** to **"Sarzana"** or **line L** to **"Lerici"**. Get off in "Comune" where you left in the morning. Down you can find the time tables of the buses. *Look at the Red boxes "Festivo" since it will be Sunday*.

14:05 Vernazza	14:28 La Spezia Centrale	00:23	Regionale 33993	0
14:15 Vernazza	14:35 La Spezia Centrale	00:20	Regionale 11389	0
14:25 Vernazza	14:49 La Spezia Centrale	00:24	Regionale 24493	0
<mark>15:27</mark> Vernazza	15:49 La Spezia Centrale	00:22	Regionale 24495	0
16:15 Vernazza	16:33 La Spezia Centrale	00:18	Regionale 24467	0
16:31 Verna zz a	16:50 La Spezia Centrale	00:19	Regionale 24497	0
16:47 Vernazza	17:10 La Spezia Centrale	00:23	Regionale 34115	0

SARZANA (via LERICI P. Gari	06.20 06.51 baldi) 09.17 09.47 12.17 12.47 15.17 15.47 18.17 18.47	10.17 13.47 13.17 13.47 16.17 16.47	08.17 08.47 11.17 11.47 14.17 14.47 17.17 17.47 21.43 22.38 b	07.22 07.52 08.22 08.52 09.22 09.52 10.22 10.52 11.22 11.52 12.22 12.52 13.22 13.52 14.22 14.52 15.22 15.52 16.22 16.52 17.22 17.52 18.22 18.52 19.22 19.52 21.43 22.38 5 5
Partenze per:		FERIALE		FESTIVO
LERICI	06.16 06.20 07.32 07.47 09.02 09.17 10.32 10.47 12.02 12.17 13.32 13.47 15.02 15.17 16.32 16.47 18.02 18.17 19.32 20.01	06.36 06.51 0 08.02 08.17 09.32 09.47 11.02 11.17 0 12.32 12.47 14.02 14.17 15.32 15.47 0 17.02 17.17 18.32 18.47 21.43 22.38	08.32 08.47 0 10.02 10.17 11.32 11.47 0 13.02 13.17 0 14.32 14.47	08.07 08.22 08.37 08.52 09.07 09.22 09.37 09.52 10.07 3 10.22 10.37 10.52 11.07 11.22 11.37 5 11.52 12.07 12.22 12.37 12.52 13.07 13.22 13.37 13.52 14.07 14.22 14.37 5 14.52 15.07 5 15.22 6 15.37 6 15.52 5 16.07 5 16.22 5 16.37 16.52 6 17.07 17.22 5 17.37 17.52 5 18.07 5 18.22 18.37 6 18.52 19.07 5 19.22 19.37 19.52 19.37 19.52 21.43 22.38 23.43 08.45 5 09.15 09.45 10.15 10.45 11.15
PORTOVENERE	21.37 22.32	1	08 47 6	11.45 21.37 22.32 23.40 07.52 08.22 (3)

Cannes

Cannes is a city located on the French Riviera. It is a commune of France located in the Alpes-Maritimes department and host city of the annual Cannes Film Festival, Midem, and Cannes Lions International Festival of Creativity.

The city is known for its association to the international jet-set and its luxury hotels and restaurants.

The Promenade de la Croisette is the waterfront avenue with palm trees. La Croisette is known for picturesque beaches, restaurants, cafés and boutiques. Le Suquet, the old town, provides a good view of La Croisette. The fortified tower and Chapel of St Anne house the Musée de la Castre. A distinctive building in Cannes is the Russian Orthodox church.

Museums

The Musée d'Art et d'Histoire de Provence houses artifacts from prehistoric to present, in an 18th-century mansion. The Musée de la Castre has objects from the Pacific Atolls, Peruvian relics and Mayan pottery. Other venues include the Musée de la Marine, Musée de la Mer, Musée de la Photographie and Musée International de la Parfumerie.

The villas of Cannes

Cannes of the 19th century can still be seen in its grand villas, built to reflect the wealth and standing of their owners and inspired by everything from medieval castles to Roman villas. They are not open to the public. Lord Brougham's Italianate Villa Eléonore Louise (one of the first in Cannes) was built between 1835 and 1839. Also known as the Quartier des Anglais, this is the oldest residential area in Cannes. Another landmark is the Villa Fiésole (known today as the Villa Domergue) designed by Jean-Gabriel Domergue in the style of Fiesole, near Florence, which may be visited on appointment.

Île Sainte-Marguerite (St Marguerite Island)

It took the man in the iron mask 11 years to leave this tiny, forested island. The mysterious individual was believed to be of noble blood, but his identity has never been proven. His cell can be visited in the Fort of St Marguerite, now renamed the Musée de la Mer (Museum of the Sea). This museum also houses discoveries from shipwrecks off the island, including Roman (1st century BC) and Saracen (10th century AD) ceramics.

Île Saint-Honorat (St Honorat Island)

Cistercian monks are the only inhabitants of the smaller, southern St Honorat Island. Monks have inhabited the island since AD 410 and, at the height of their powers, owned Cannes, Mougins and Vallauris. Medieval vestiges remain in the stark church, which is open to the public, and in the ruins of the 11th-century monastery on the sea shore. The monks inhabit the Lérins Abbey and divide their time between prayer and producing red and white wines.



Palma de Mallorca

Palma de Mallorca is the capital and largest city of the autonomous community of the Balearic Islands in Spain. It is situated on the South coast of the island Majorca on the Bay of Palma.

Plaça d'Espanya

The Plaça d'Espanya is the transport hub of Palma. The Estació Intermodal caters for buses and trains (the latter controlled by TIB). The two old buildings home to the tourist information and several cafés sit either side of the two large escalators which lead into the Estació, which interestingly enough sits underneath a large and popular park. On the lawns are several glass boxes, which let in light and ventilation to the station below ground. There are also train-themed playing structures, each one shaped like a train carriage and named after towns along the line of the Ferrocarril de Sóller, a railway dating back to 1911 which has its Palma Station right next to the park. Just down the street from here a new bus station is under construction. At the centre of the plaza is a statue of James I, Conquistador of Majorca.[5]

Cathedral area

Palma is famous for La Seu, its vast cathedral originally built on a previous mosque. Although construction began in 1229, it did not finish until 1601 and local architect Antoni Gaudí was drafted in during a restoration project in 1901. The Parc de la Mar (Park of the Sea) lies just south overlooked by the great building which sits above it on the city's stone foundations. Between these two are the town walls. Here there is a vast blue and yellow canopy strung over a lower area, shading rows of wooden benches.

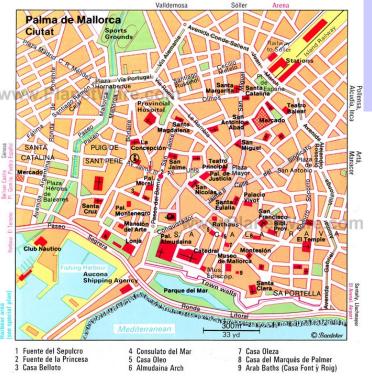
Old City

The Old City (in the south-east area of Palma behind the cathedral) is a maze of streets clearly hinting towards an Arab past. With the exception of a few streets and squares which allow traffic and are more populated with tourists most of the time, the walkways of this city quarter are

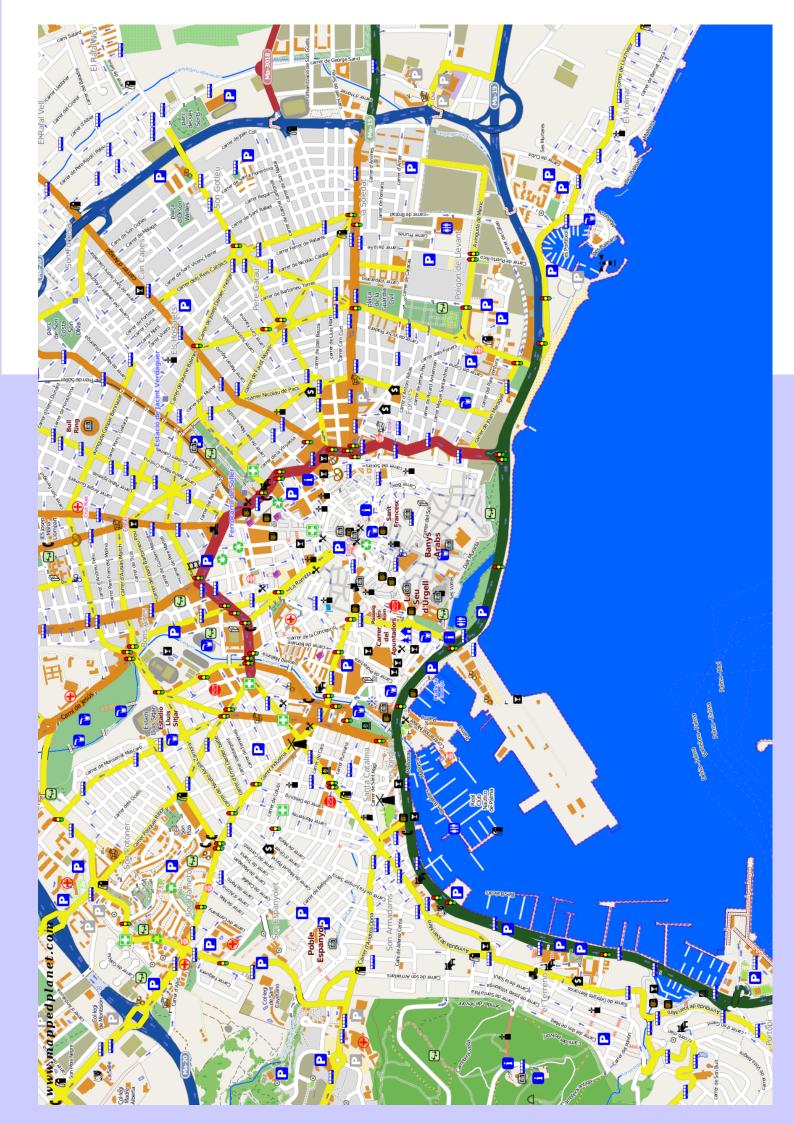
fairly narrow, quiet streets, surrounded by a diverse range of interesting buildings, the architecture of which is comparable with those in streets of cities such as Florence (Italy), for example. The majority are private houses, some of which are open to the public as discreet museums or galleries. The Old City is also home to the Ajuntament (or Town Hall), the Convent of the Cathedral and the Banys Arabs.

Banys Àrabs

The Banys Àrabs, or Arab Baths, one of the few remnants of Palma's Moorish past, are accessed via the quiet Ca'n Serra street near the Convent of the Cathedral, and include the lush gardens of Ca'n Fontirroig, home to Sardinian warblers, house sparrows, cacti, palm trees, and a wide range of flowers and ferns. The small two-roomed brick building that once housed the baths is in fact of Byzantine origin, dating back to the 11th century and possibly once part of the home of a Muslim nobleman.



The bath room has a cupola with five oculi which let in dazzling light. The twelve columns holding up the small room were pillaged from an earlier Roman construction. The floor over the hypocaust has been worn away by people standing in the centre, mainly to photograph the entrance and the garden beyond it. The whole room is in a rather dilapidated condition. The other room is a brick cube with a small model of the baths as they once were in the corner. Unfortunately one of the columns in this model has fallen over.



People

The crew of the cruise is always available to answer questions about your stay on the boat. For conference related issues instead please refer to the LOC members who will be on board.

Since we will not have free internet please ask us in person or if you cannot find us contact us by phone (since abroad better use sms when possible).



Jose Maria Diego Tel: 0034 659946166

Diego Molinari Tel: 0039 3398923122





Daniela Paoletti Tel: 0039 3494240169



Diego Pavon Tel: 0034 636398536