ERASMUS 2022

Bayonne – Taranto

Les activités mathématiques

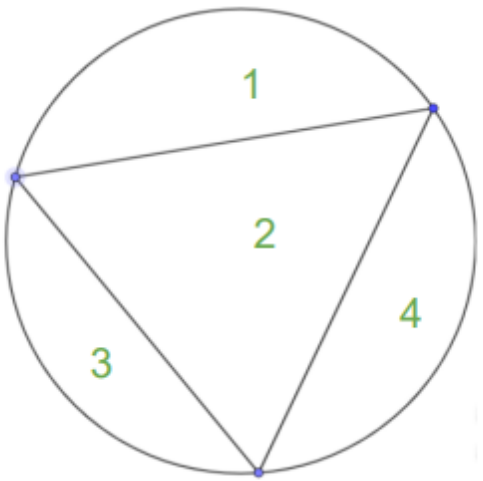
« Death by chocolate »

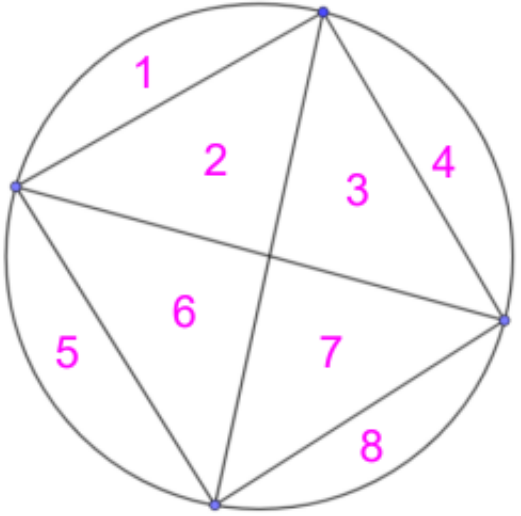
« Cut the pie »

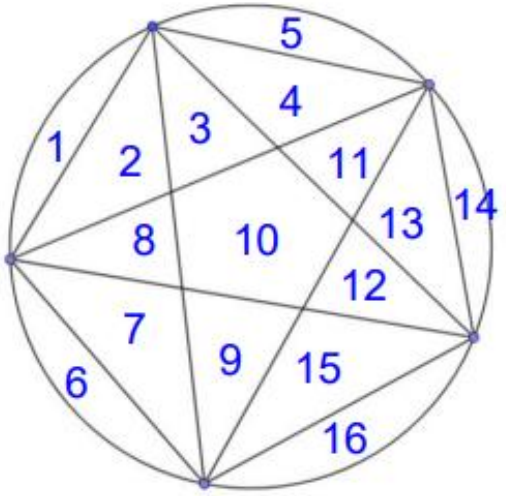
Death by chocolate

Cut the pie

We choose n points on the border of a pie and we link all those points with straight lines to cut the pie. How many parts do we get ?



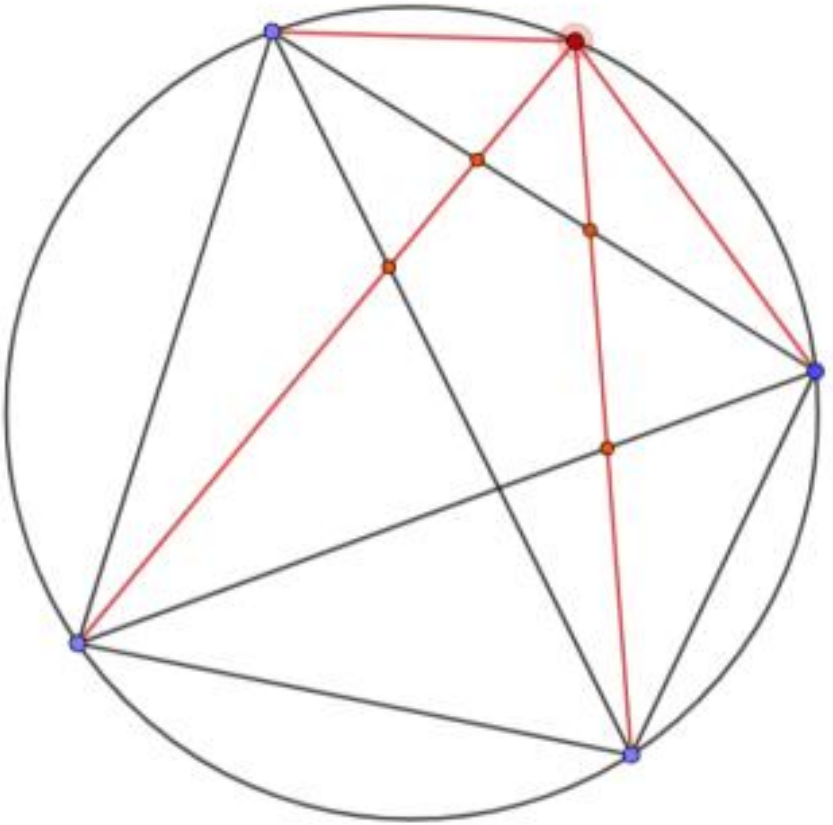




We tried to find a link between the creation of new regions and the number of points on the circle. We managed to make this table and we observed there were arithmetic sequences in each row

n points	2	3	4	5	6	7	8	9	10	
new regions	1	1	1	1	1	1	1	1	1	1
		1	2	3	4	5	6	7	8	+1
			1	3	5	7	9	11	13	+2
				1	4	7	10	13	16	+3
					1	5	9	13	17	+4
						1	6	11	16	+5
							1	7	13	+6
								1	8	+7
									1	+8
Total of regions	2	4	8	16	31	57	99	163	256	...

Second attempt

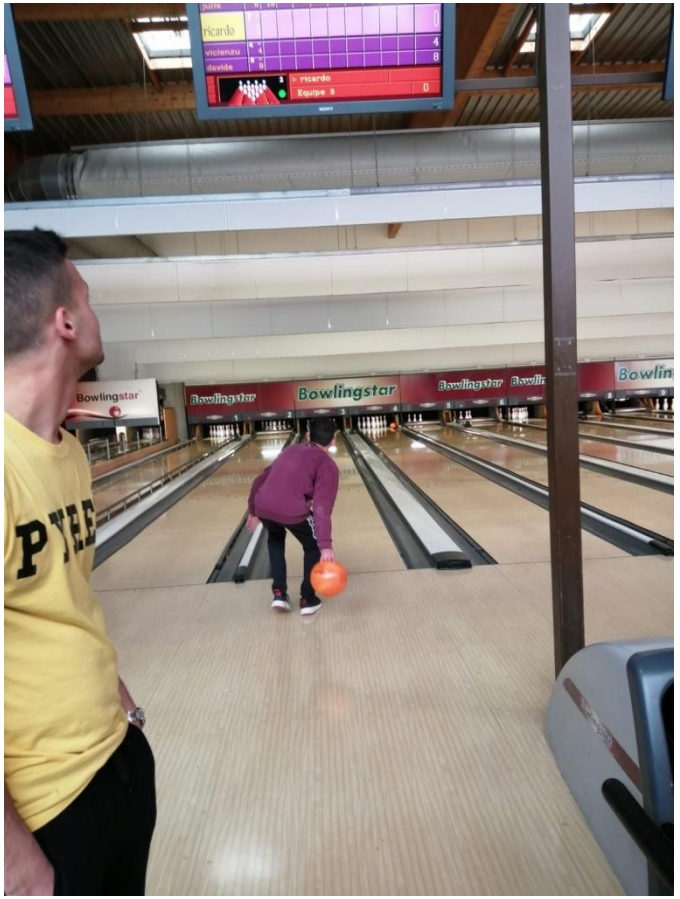


Les mobilités

Bayonne – 28 mai au 2 avril

Visite de Biarritz

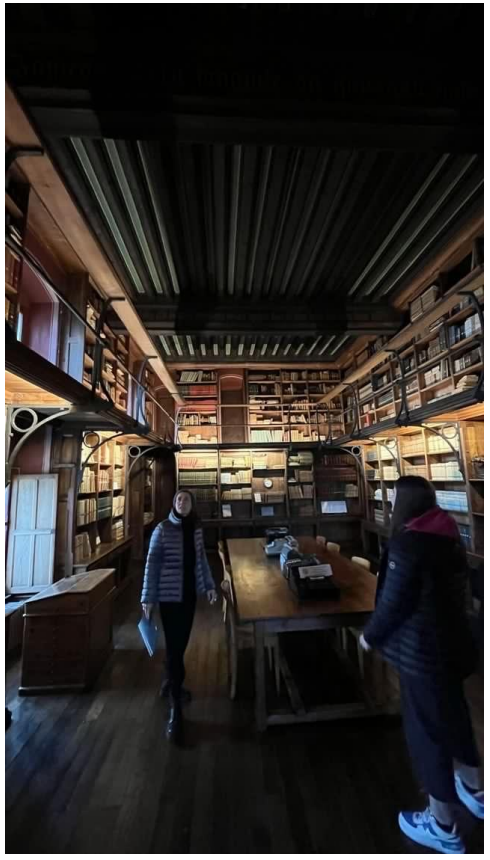
Après-midi Bowling

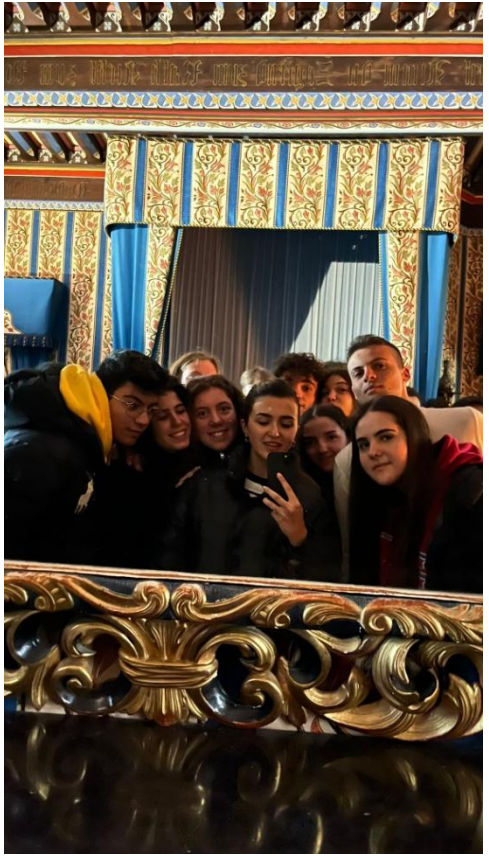


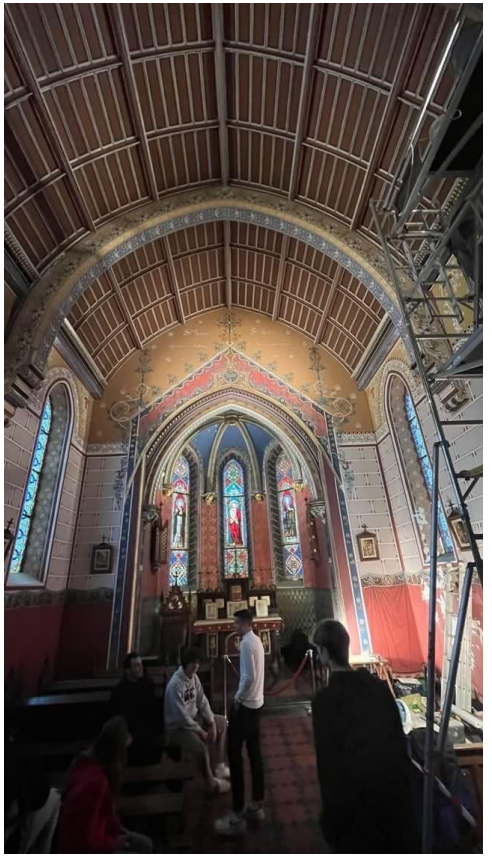
Visite de Bayonne

Dégustation de chocolat chaud chez Casenave

Visite du château d’Abbadia à Hendaye





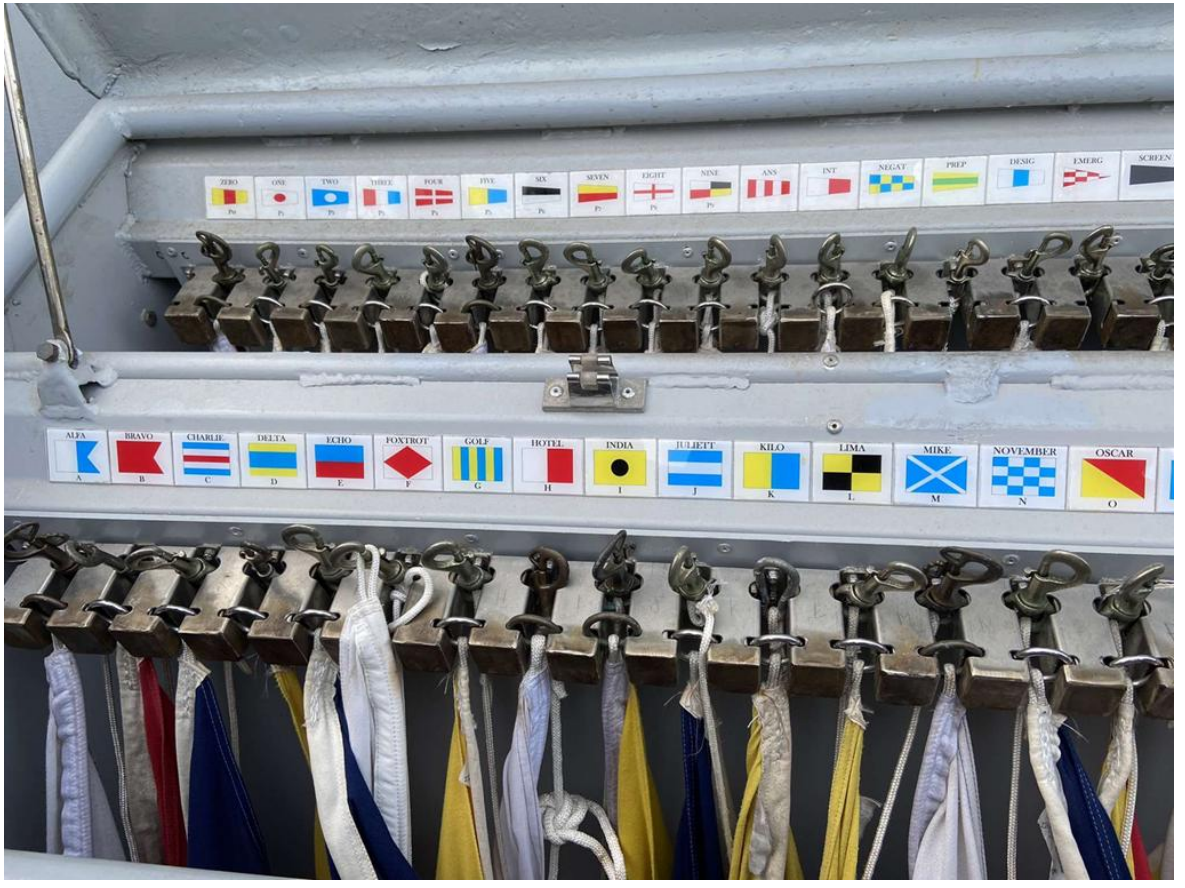


Projet de mathématiques

Taranto – 4 au 9 mai

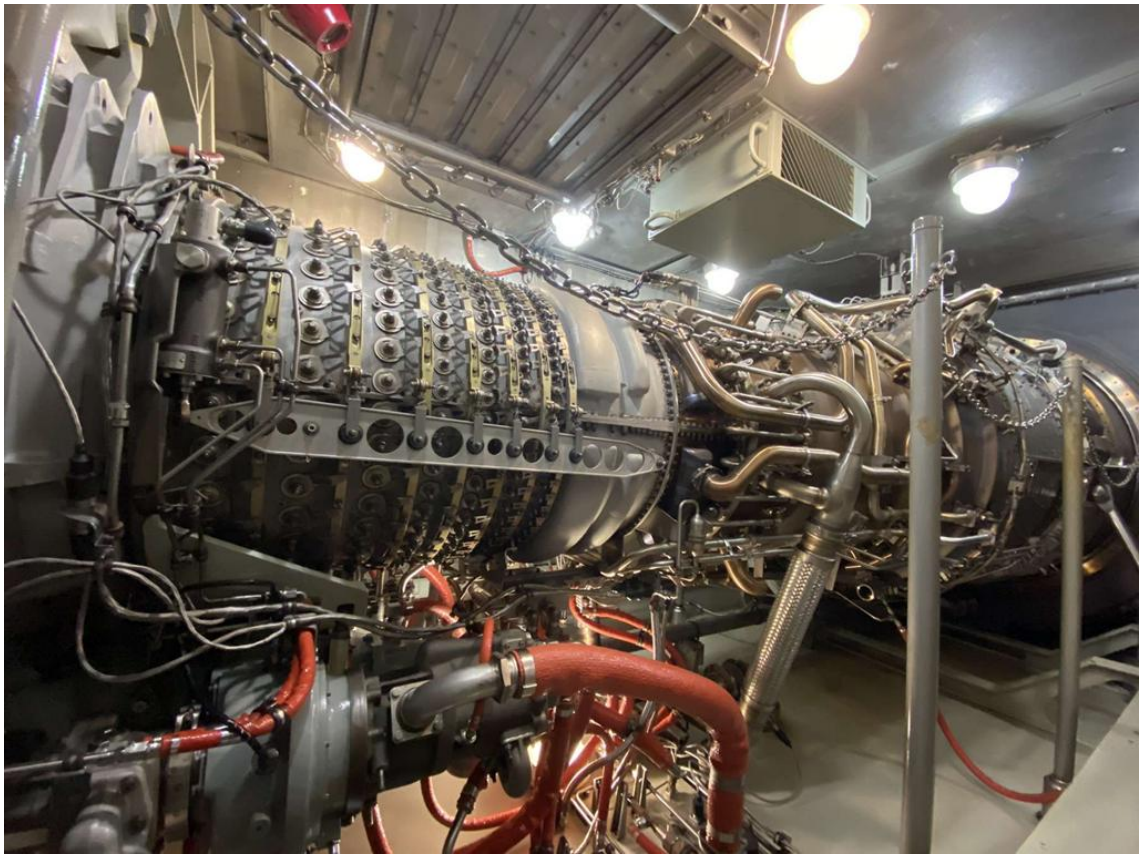
Our visit of the Italian's aircraft carrier, the Cavour

550


ALFA
BRAVO
CHARLIE
DELTA
ECHO
FOXTROT
GOLF
HOTEL
INDIA
JULIETT
KILO
LIMA
MIKE
NOVEMBER
OSCAR

HEADING REPEATER
TIMONE SINISTRA
TIMONE DI DRITTA

PRIME STABILIZZATRICI
FINCANTIERI

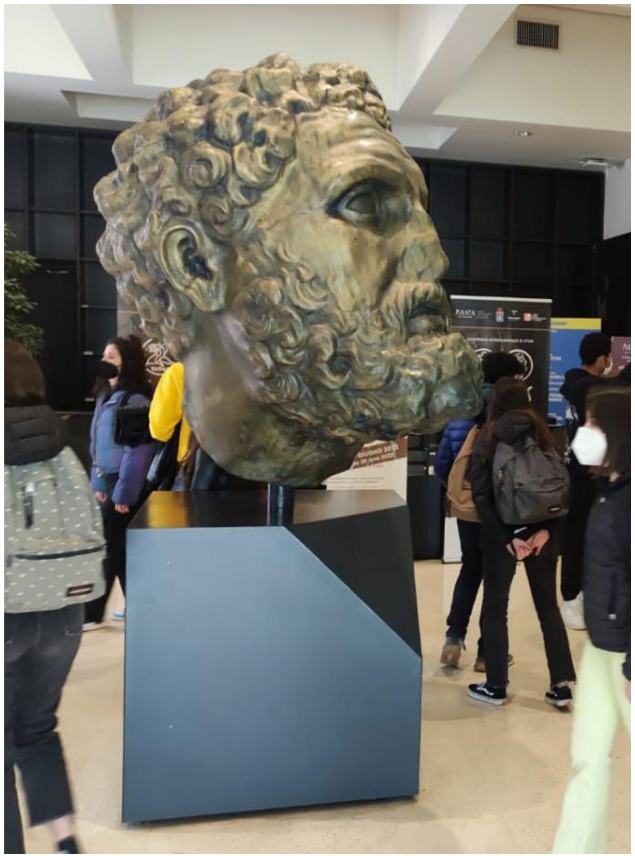


550

Musée MARTA

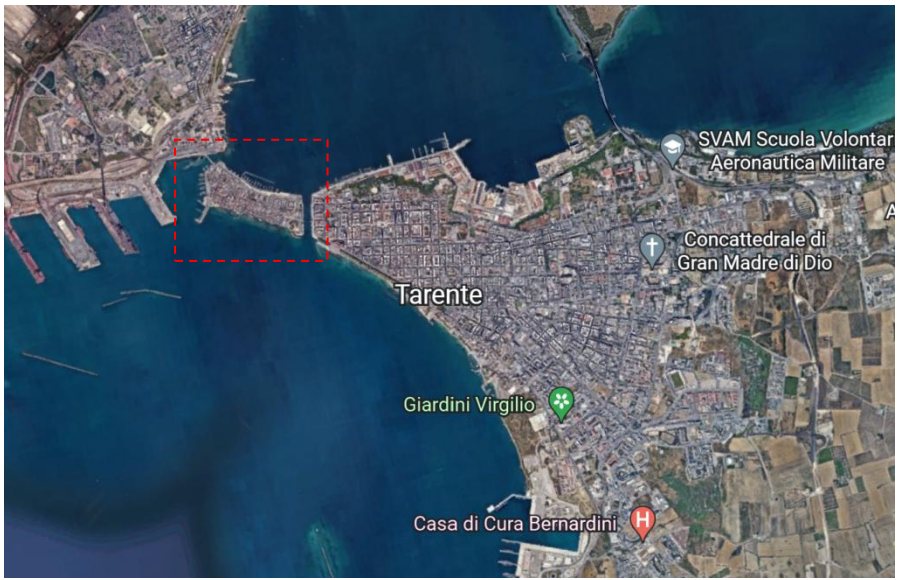
MARTA

PAST FOR FUTURE

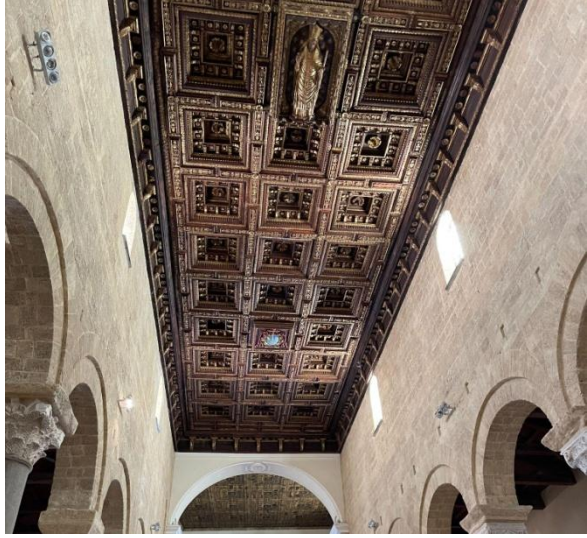


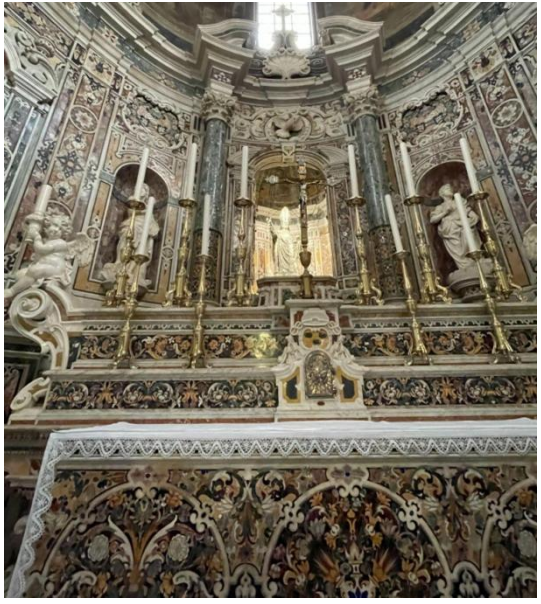
89

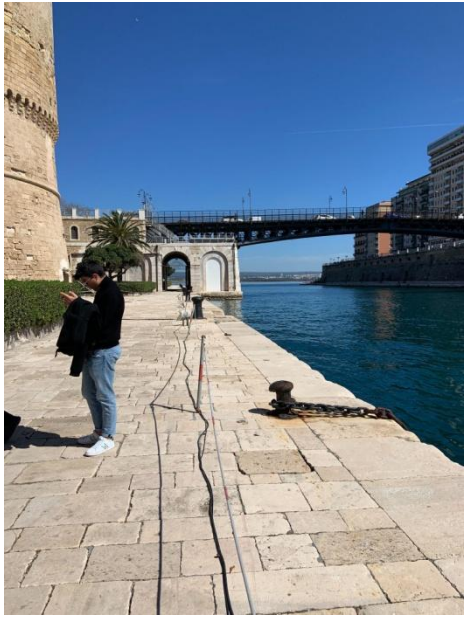
La vieille ville



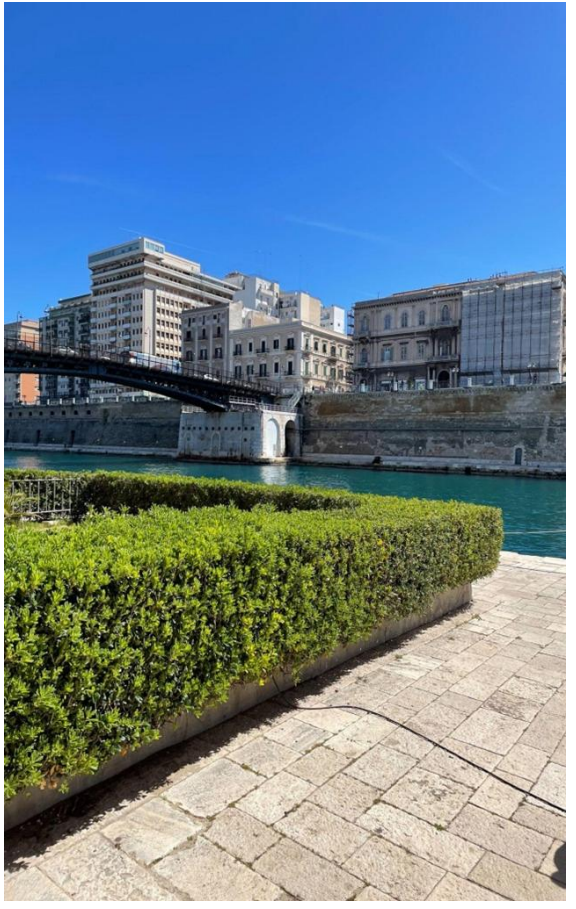
Basilica Cattedrale di San Cataldo

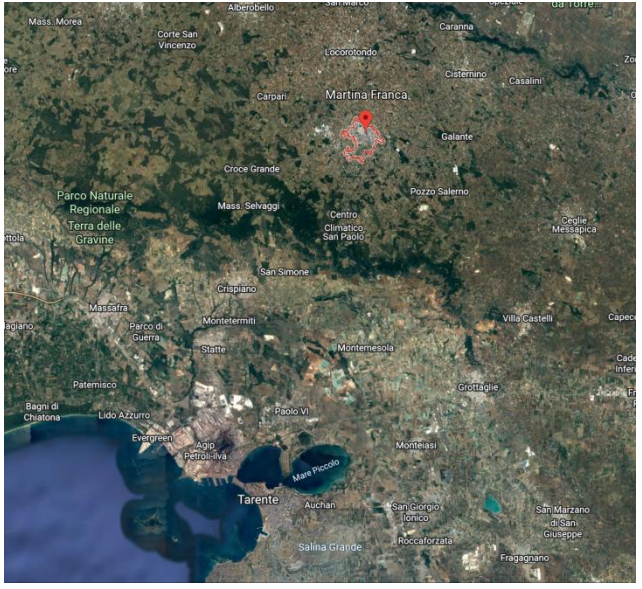






Pont de San Francesco di Paola



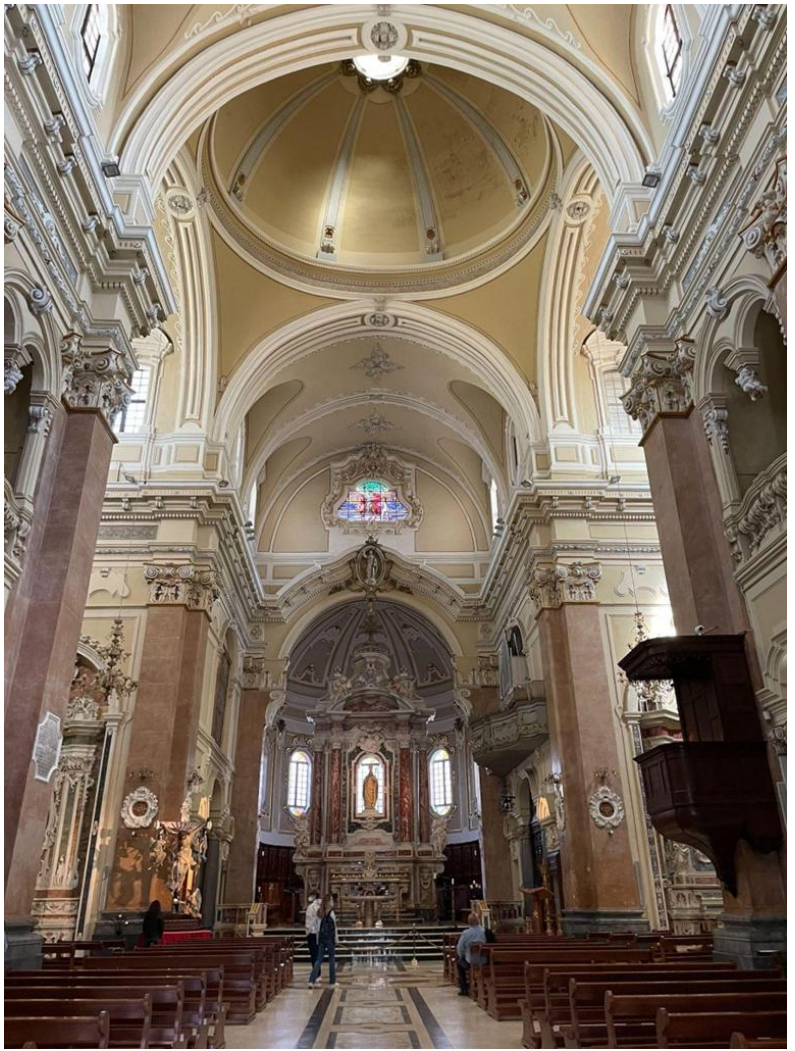


Martina Franca

Trulli

Pumo Pigna

Basilica di San Martino



Témoignages