

DIS2024

XXXI International Workshop on Deep Inelastic Scattering
8-12 April 2024, Grenoble, France

Grenoble

One of the most active and beautiful cities
in the region Rhône-Alpes

DIS 2024

- Date: **8-12 April 2024**
- Place: **Maison MINATEC**
- Webpage: <http://dis2024.org>



Rhône-Alpes: 2nd region of France and 6th of EU



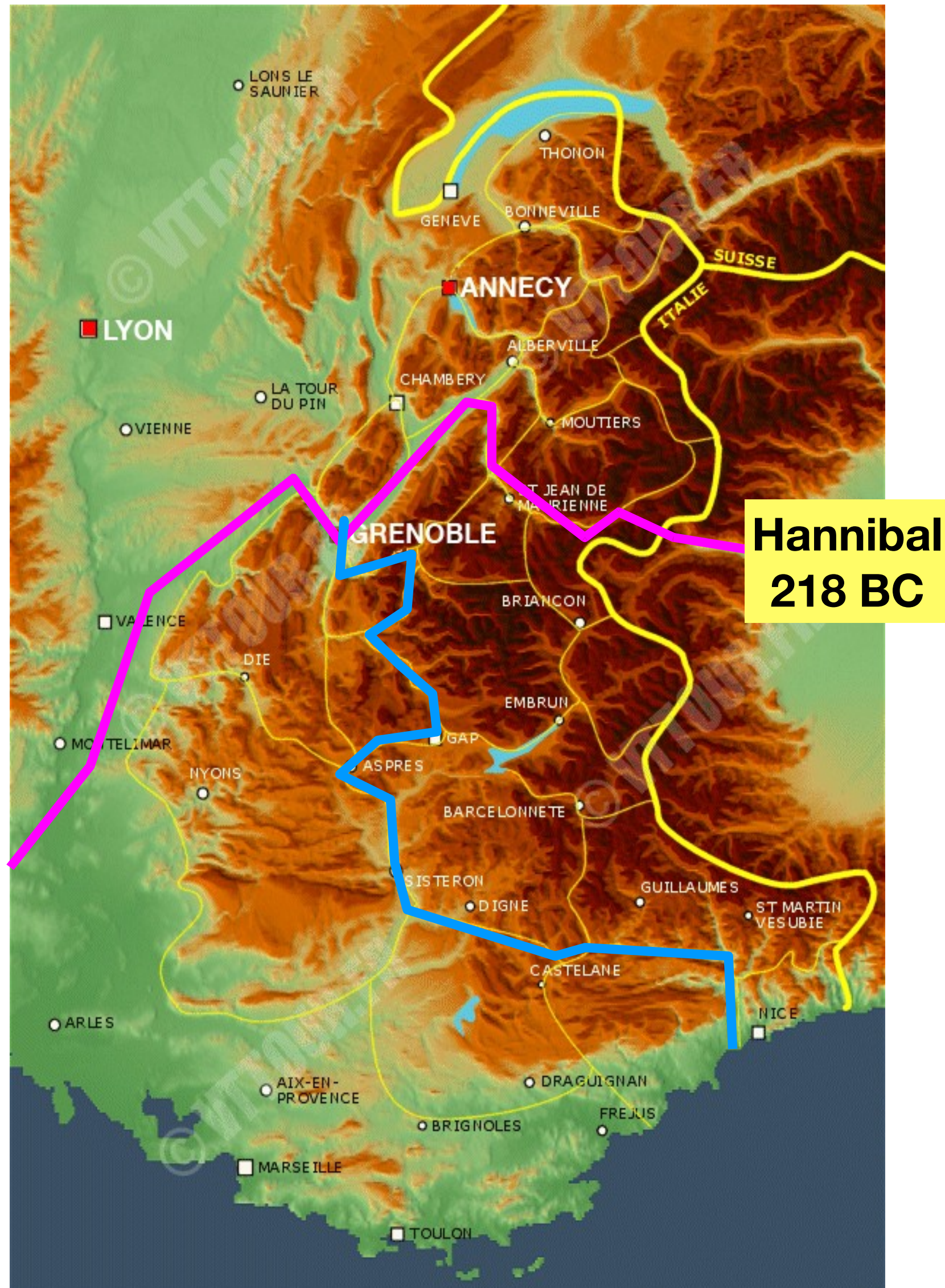
Particle Physics in the region

- Annecy: LAPP, LAPTH
- Lyon: IPNL
- Grenoble: LPSC

Grenoble can be easily reached

- From Geneva (150 km):
 - good train connection
 - there are also busses from Geneva airport
- From Lyon airport (100 km): hourly, very good shuttle bus
- From Paris: 3 hours by TGV

A short history of Grenoble

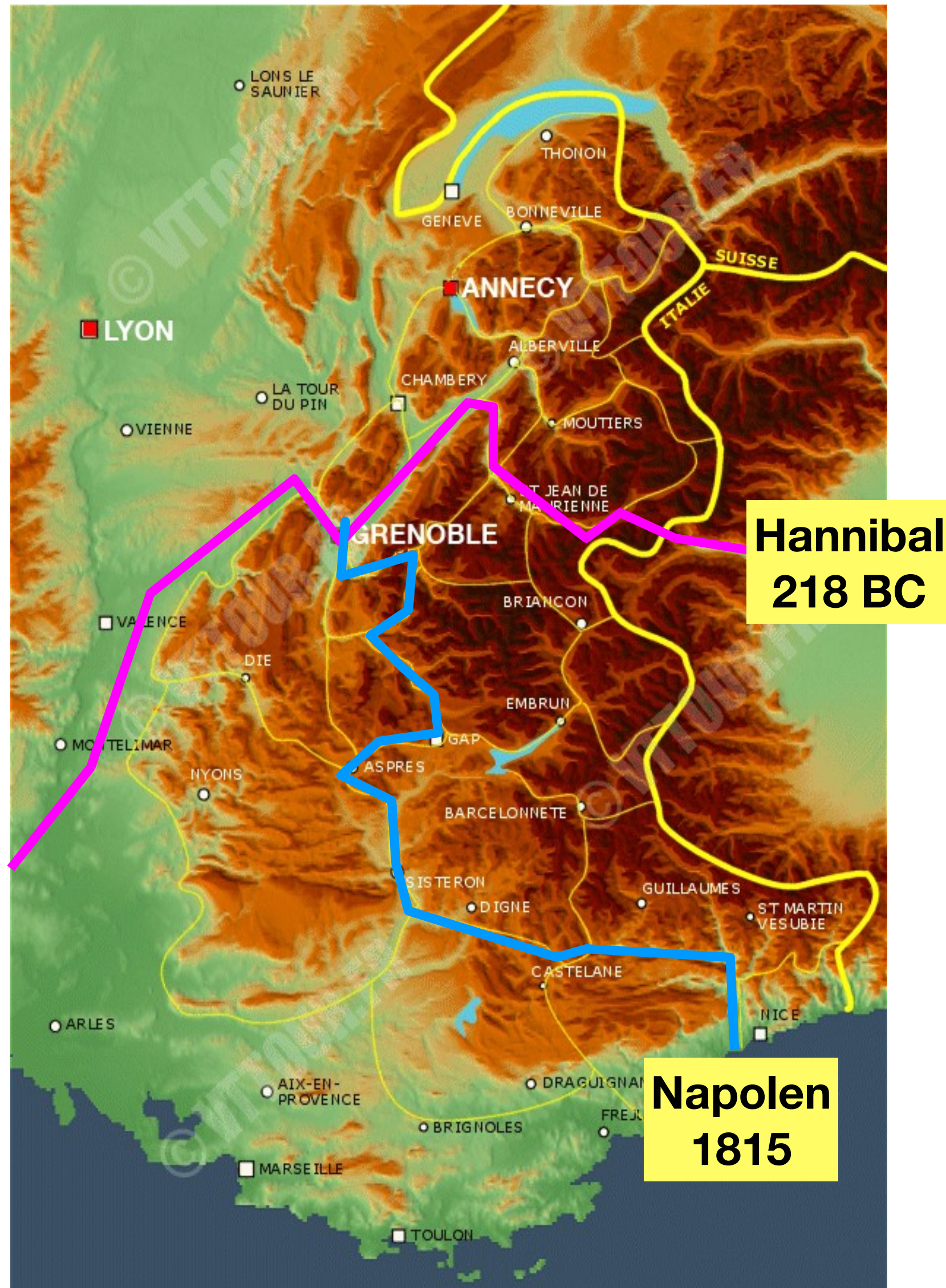


- 43 BC: first mention of **Cularo** a Gallic settlement, the initial name of Grenoble
- 286 AD: strong wall built around the small town
- 381 AD: Cularo renamed **Gratianopolis** (leading to **Graignovol** and then **Grenoble**) after western Roman emperor Gratian raises Cularo to the civitas (city) state.

Gratian first Roman emperor to impose **Christianism** as official state religion (380 AD).

- 1339: Creation of the **University of Grenoble**
- 1349: **Dauphiné (the Grenoble province) joins France** - Initially, it was an independent state federated to the Holy Roman Empire of the German Nation. It was subsequently governed by the heir of France, called the Dauphin of France
- 1453: Louis XI gives Grenoble a **parliament**. The parliament building is still there almost unchanged

A short history of Grenoble



- 18th century: Grenoble a center of **glove industry**
- 1788: **Birth of the French Revolution** triggered by events in Grenoble (Tile Day)
- 1802: **Joseph Fourier** (Fourier transform...) appointed prefect of Grenoble where he carried out much of his scientific work. Among many things, he was first to suggest the green house effect
- 1840: Louis Vicat invents artificial cement (grey gold) and builds first concrete bridge (still visible in Grenoble)
- 1869: Aristide Bergès invents **hydroelectricity**
- 1968: **Winter Olympic Games**
- 2024: DIS conference

Grenoble today: a city of science in the heart of the French Alps



450,000 inhabitants
8th metropolis of France

60,000 students



Major scientific center (21,000 scientific jobs)
200 labs - 2nd scientific pôle in France

Where the French Revolution started: 7 June 1788



Science facilities on the Polygone Scientifique



"A mountain at the end of each street" Stendhal
and now many labs!

MINATEC

GHMFL

LPSC

ILL

ESRF

7 physics Nobel prize winners worked in Grenoble since 1950

- **Rudolf Ludwig Mössbauer**: ILL director at the end of the 70's
Conducted the first neutrino oscillation search on a terrestrial source
- **Louis Néel**: Institut Néel
Antiferromagnetism and ferromagnetism
- **Wolfgang Paul**: built first neutron storage rings at ILL
- **Klaus von Klitzing**: Quantum Hall effect
Discovered at Grenoble High Magnetic Field Lab (GHMFL)
- **Norman Ramsey**: conducted neutron EDM experiments at ILL
- **Albert Fert**: Ph.D. thesis and teaching in Grenoble and Orsay
- **Anton Zeilinger**: worked from 1974 to 1989 half-time as a guest scientist at ILL
performing various experiments to test fundamental predictions of quantum mechanics

MAISON MINATEC: A VENUE IN THE HEART OF INNOVATION

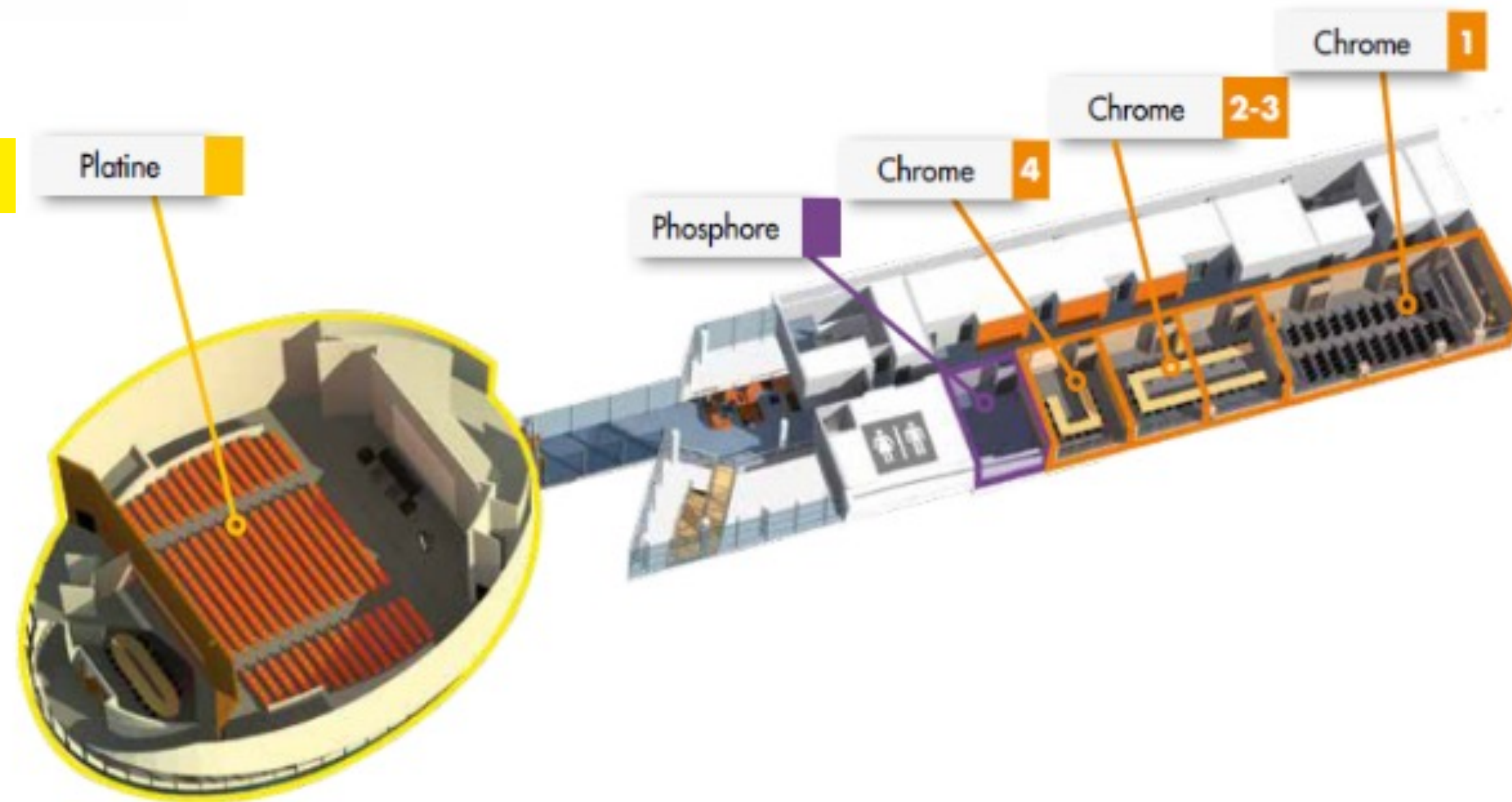


- Maison MINATEC congress center is part of the scientific area Grenoble Presqu'Île
- In walking distance from the train station
- Close to the city center



MAISON MINATEC: A VENUE SUITED TO DIS 2024

First floor



Platine Auditorium: 400 seats -> Plenary sessions & 1 workgroup

Couronne amphi : for the Staff

Chrome 1: 90 seats, 1 workgroup

Chrome 2-3: 68 seats, 1 workgroup

Chrome 4 & Phosphore: 68 seats, 1 workgroup

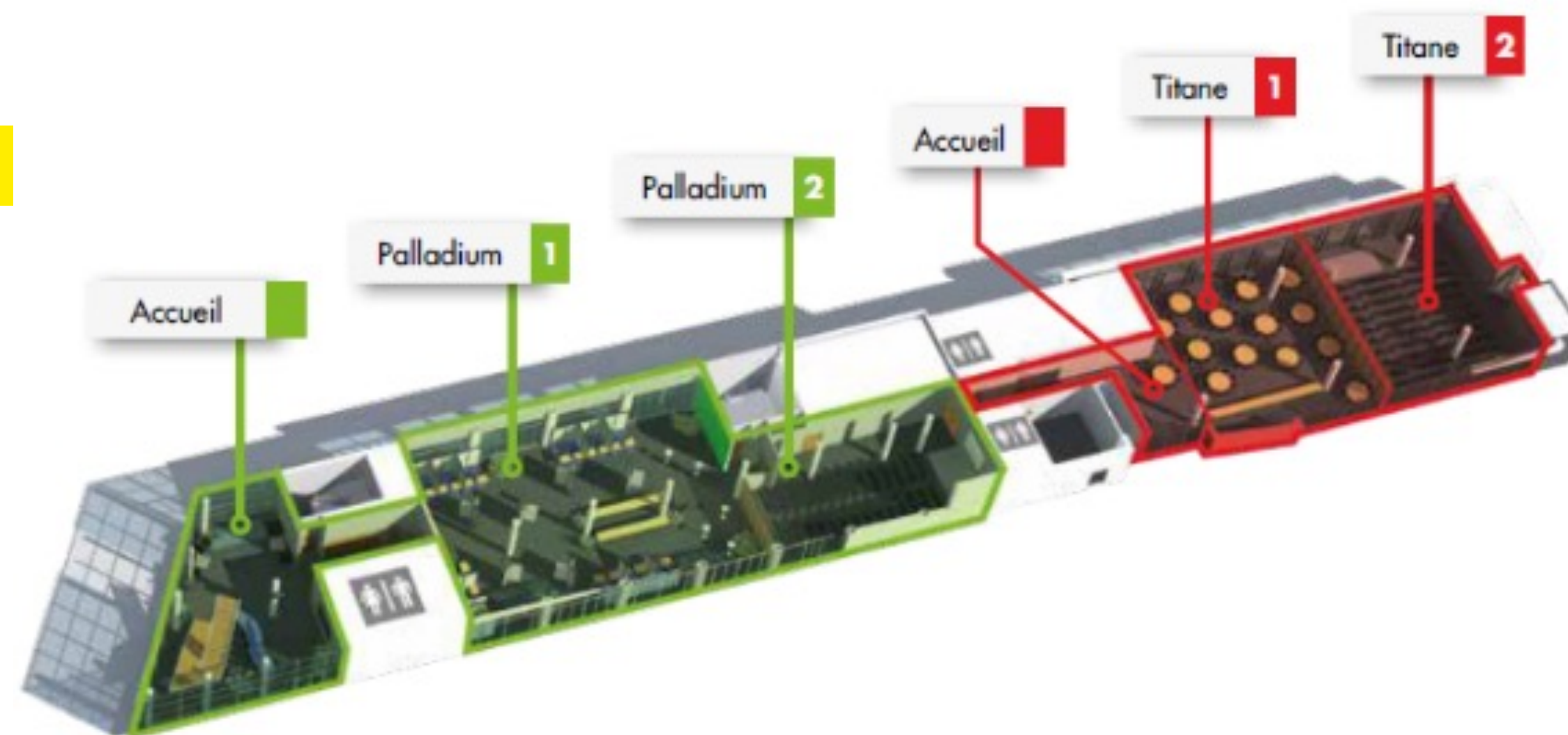
Palladium 1: 360 m², for catering and posters

Palladium 2: 90 seats, 1 workgroup

Titane 1: 240 m², for catering and posters

Titane 2: 180 seats, 1 workgroup

Ground floor



SPACES MADE FOR EVENT HOSTING

- > Wi-Fi access in all premises
- > Audio/video equipment in all rooms
- > Natural light
- > Wheelchair accessibility
- > An expert event management team

LOBY/RECEPTION AREA





PLATINE AUDITORIUM



RECEPTION/EXHIBITION HALLS



WORKING GROUPS

Titane 2



Chrome 1



Palladium 2



Chrome 2-3

Chrome 4 & Phosphore



Social events

- Reception (Monday evening):
Musée de Grenoble
- Excursion (Thursday afternoon)
Grottes de Coranche (?),
Grenoble tour (?), ...
- Banquet (Thursday evening):
Patinoire Polesud/Ice stadium



Musée de Grenoble

Extensive painting collections
from the Middle Ages to the
21st century

200,000 visitors/year

Grotte de Coranche

Cave in the heart of the Vercors

Travelers' choice 2022

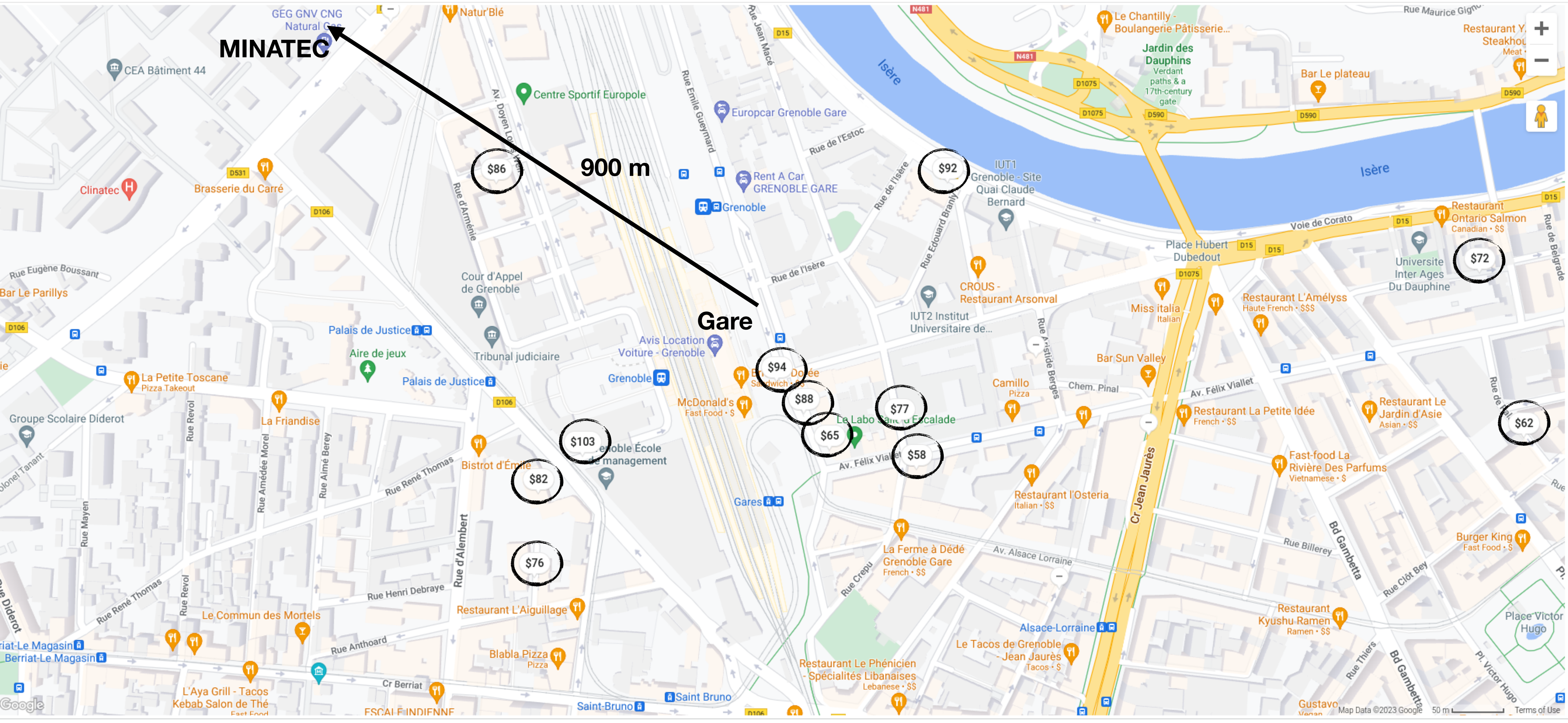
Ice stadium

Restaurant with view on the ice

Hotel Prices (03/2023, 60-100 USD): [booking.com](https://www.booking.com)

Secteur 1, Grenoble, Isère, France

Filter



Comparison of fees

Year	Place	Early Fee
2024	Grenoble	Goal: 500 EUR
2023	Michigan	450 USD
2022	Santiago de Compostela	480 USD
2013	Marseille	430 EUR = 595 USD

Local Organizing Committee already at work

- Johann Collot (LPSC, Chair, ATLAS, DUNE)
- Ingo Schienbein (LPSC, Chair, Th): pQCD, PDFs, Heavy quarks
- Mariane Mangin-Brinet (LPSC, Th): Lattice QCD
- Rachid Guernane (LPSC, ALICE)
- Jean-Philippe Guillet (LAPTH Annecy, Th): pQCD, Phox family
- Lucia Di Ciaccio (LAPP Annecy, ATLAS)

- Carlos Munoz Camacho: (IJCLab Orsay, GDR QCD, Exp): EIC, DVCS, 3D structure
- Cyrille Marquet (CPHT Ecole Polytechnique, GDR QCD, Th): Saturation, Diffraction, QGP
- Fred Olness (SMU Dallas, Org. DIS 2015, Th): pQCD, PDFs, Heavy quarks
- Matteo Cacciari (LPTHE Paris, Th): pQCD, Heavy quarks, jets
- Nazila Mahmoud (IP2I Lyon, Th): Flavour, DM, EW

☑ Date, Venue

☑ Reception, Banquet, Social Dinner

• Excursion

• Webpage started, Poster

• Pre-reservation of hotels

• Budget to be refined (need sponsors)

Rhône-Alpes, Annecy, Grenoble, Lyon expect you in Grenoble in 2024

In a land of many cultural, natural and gastronomical wonders!



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