



The 29th International Workshop on Weak Interactions and Neutrinos (WIN2023)

July 3 – July 8, 2023
SYSU ZHUHAI CAMPUS, CHINA

Welcome

Hosted by



中山大學
SUN YAT-SEN UNIVERSITY

Organized by



中山大學 中法核工程与技术学院
Institut franco-chinois de l'énergie nucléaire université Sun Yat-sen

Co-organized by



深圳综合粒子设施研究院
Institute of Advanced Science Facilities, Shenzhen

Sponsors



北方夜视科技（南京）研究院有限公司



<https://ifcen.sysu.edu.cn/win2023/>
Contact: win2023@mail.sysu.edu.cn

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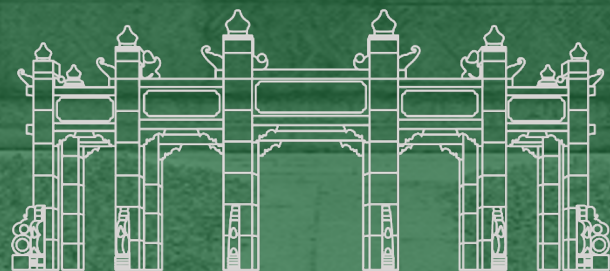


中山大學
SUN YAT-SEN UNIVERSITY

中山大學

SUN YAT-SEN UNIVERSITY

Monday, July 3, 2023





Founding & MOTTO



Founding

Founded in 1924 by Dr. Sun Yat-sen,
a great pioneer of the Chinese democratic
revolution.



Motto

博學

Study
Extensively

審問

Enquire
Accurately

慎思

Reflect
Carefully

明辨

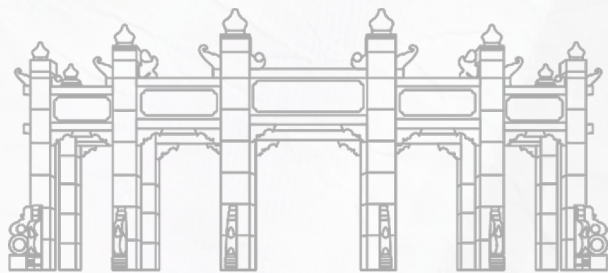
Distinguish
Clearly

篤行

Practice
Earnestly



OVERVIEW



OVERVIEW

- A leading comprehensive research university in China (top 10)
- **#7** in China, **#79** worldwide (Academic Ranking of World Universities, 2022)
- **20** disciplines ranked in the top **1%** in the world, second most in China (ESI, 2020)





5 CAMPUSES IN 3 CITIES



Guangzhou South Campus



Liberal arts, Science and Engineering

Guangzhou East Campus



Science and Engineering

Guangzhou North Campus



Medicine

Zhuhai Campus



Deep Earth, Deep Space, Deep Sea and Deep Blue

Shenzhen Campus



Medicine and Newly Engineering



TALENT CULTIVATION



Student Enrollment Total
66,179

Undergraduates
33,116

Postgraduates
32,409

STUDENT-CENTERED CULTIVATION MODEL

Faculty Members
4,801

CAS/CAE Academicians
22

57 PhD Programs

64 Master Programs

141 Undergraduate
Programs



“School-Faculty-University” Pattern

70 Schools and Departments

most complete disciplines to offer in China





DISCIPLINES



Clinical Medicine

Chemistry

Pharmacology &
Toxicology

Computer Science

Environment / Ecology

Materials Science

Molecular Biology &
Genetics

Biology & Biochemistry

Engineering

9 Disciplines Top 0.1%, **20** disciplines top 1% (ESI Ranking)

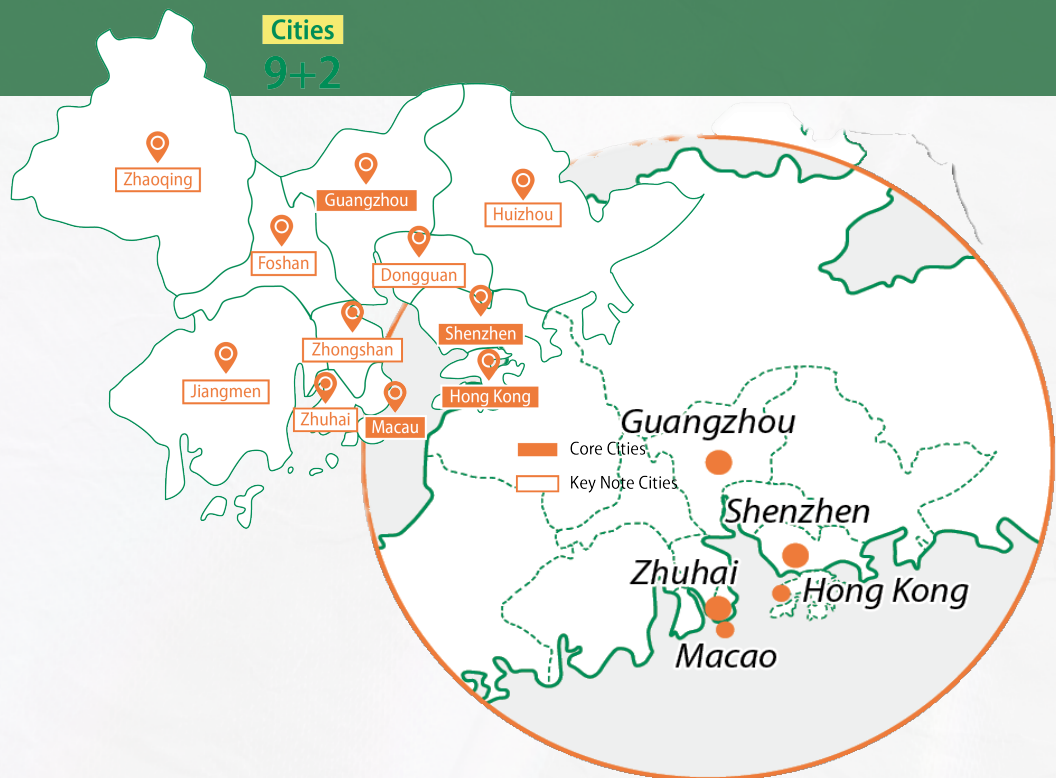
CROSS DISCIPLINARY



SYSU Welcomes You All!

Enjoy Your Meeting!

Cities
9+2



A Brief Introduction to IFCEN:

Clean energy and Health through Nuclear Technology

Sino-French Institute of Nuclear Engineering & Technology
Sun Yat-sen University



1 university, 3 cities, 5 campuses



Zhuhai Campus
(where IFCEN is)



Shenzhen Campus



Guangzhou South Campus



Guangzhou East Campus



Guangzhou North Campus



2015 Guangdong Nuclear Safety and Emergency Engineering Technology Research Center

2010 IFCEN established

- SYSU Nuclear Safety and Emergency Technology Center
- Guangdong Nuclear Safety and Emergency Engineering Technology Research Center

2016

1. EUR-ACE
2. CTI
3. Chinese and French governments jointly "Sino-French Cooperation University Excellent Project"

认证
Accreditation

研发中心
R&D Center

成立
Established

中心
Center

- 2014** SYSU and FINUCI signed a R&D framework cooperation agreement
- SYSU-CGN co-built "Nuclear Safety and Emergency Technology Joint R&D Center"

教学成果
Teaching Awards

Teaching Awards

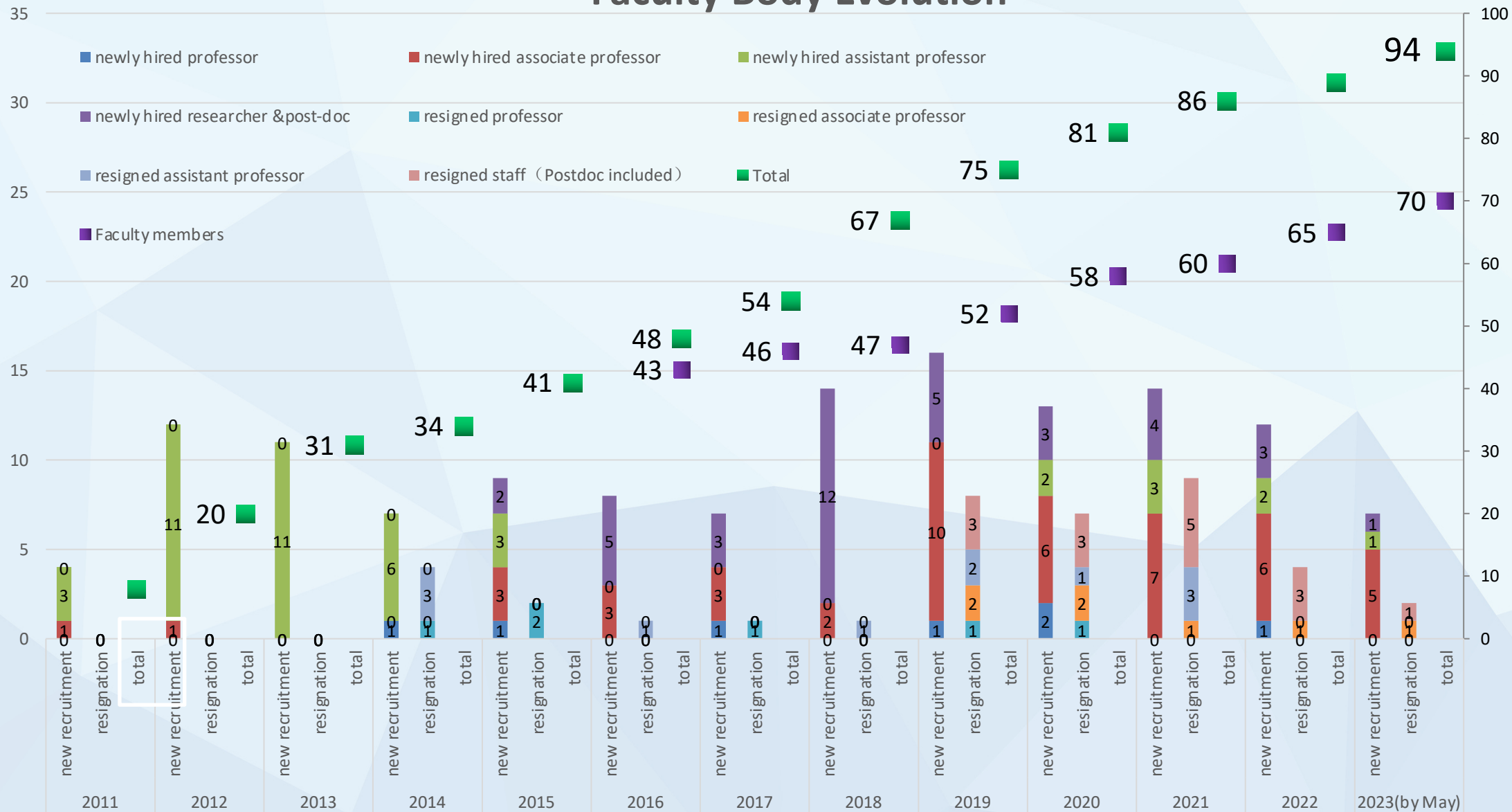
2019 IFCEN WAS Selected as the first batch of national first-class undergraduate program

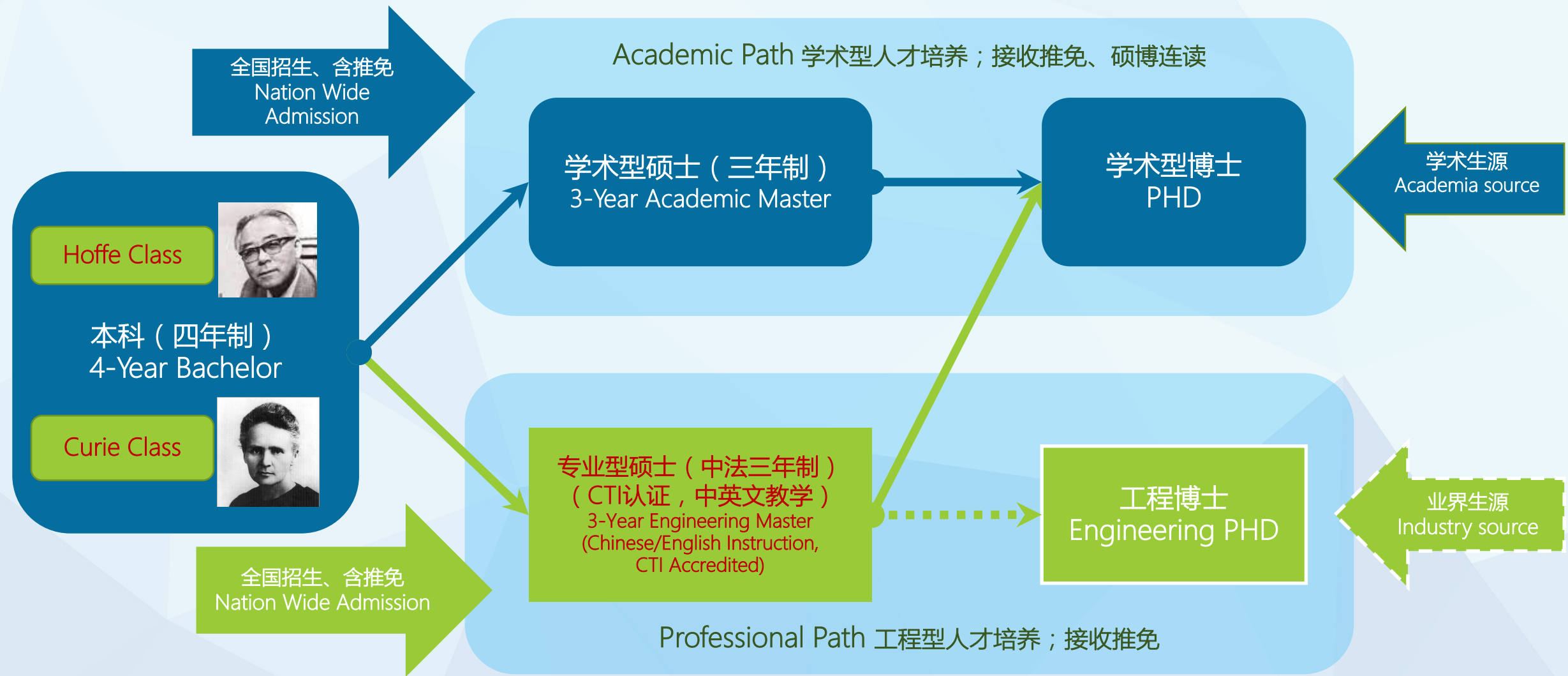
双万计划
'Double First' PLAN

2018 First Prize of Education and Teaching Achievements in Guangdong Province



Faculty Body Evolution







核燃料循环与材料
Nuclear Fuel Cycle & Materials

- 核工程材料与力学
- 核化学与放射化学

核能科学与工程
Nuclear Energy Science & Engineering

- 核仿真与安全
- 反应堆热工水力
- 先进核能系统

核物理
Nuclear Physics

中低能核物理、天体物理、核数据

核科学与技术
Nuclear Science & Technology

核数据与应用
Nuclear Data

- 核环境辐射监测与应急
- 辐射防护与安全

辐射防护与环境保护
Radiation & Environmental Protection

- Radiation Detection
- Accelerator&Beamlines
- Plasma Technology
- Radiotherapy and Nuclear Medicine

核技术及应用
Nuclear Technology & Applications

粒子物理、新型探测器、中微子应用

粒子物理
Particle Physics

IFCEN is moving into a new building

IFCEN is entering a new phase!

New Space (~10,000m² Classrooms&Labs)



Welcome Again and Let's Start the Meeting!



“Chinatown” Tangren Street: Local Food&Drinks



Transportation

Transportation | 15



Shanfang Road: Local Food&Drinks



Jishan Villiage: Food&Drinks

Treasure Map for WIN23: Local Sightseeing, Food, Bars&Pubs