



中国石油大学  
CHINA UNIVERSITY OF PETROLEUM

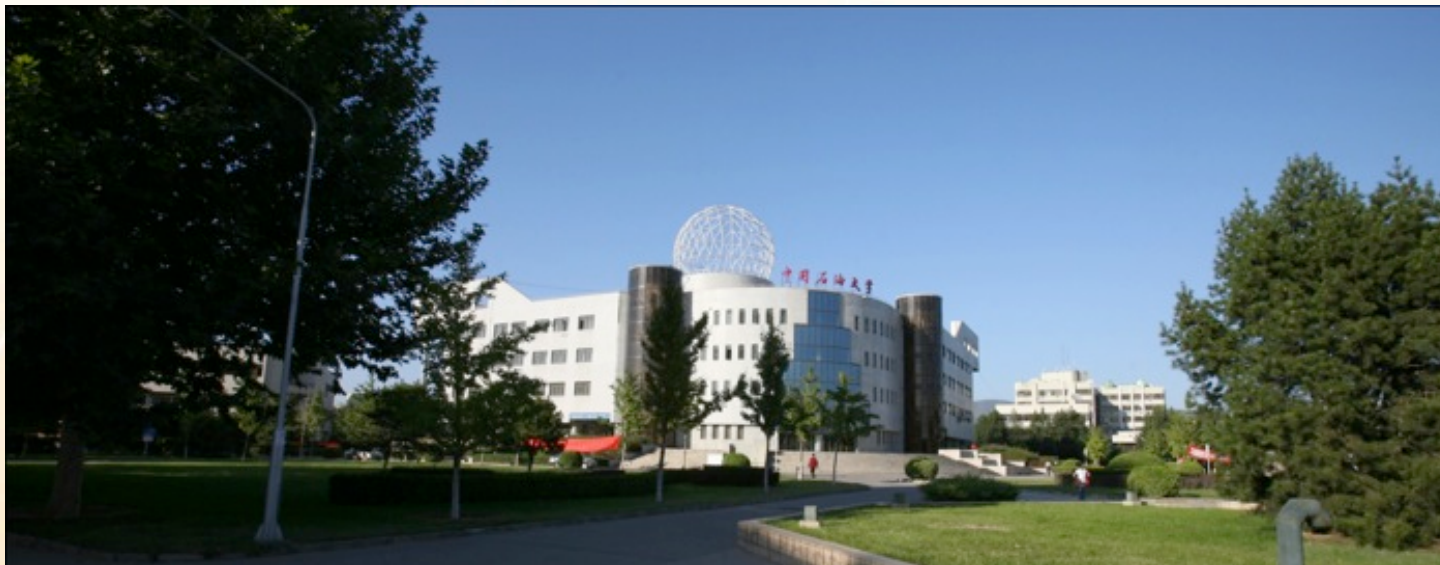
# CHINA UNIVERSITY OF PETROLEUM-BEIJING 2012

# I. History

**1953** Beijing Petroleum College Founded

**2005** Renamed to China University of Petroleum

**A key national university under the ministry of Education**



**CUP**

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## II. *Missions*

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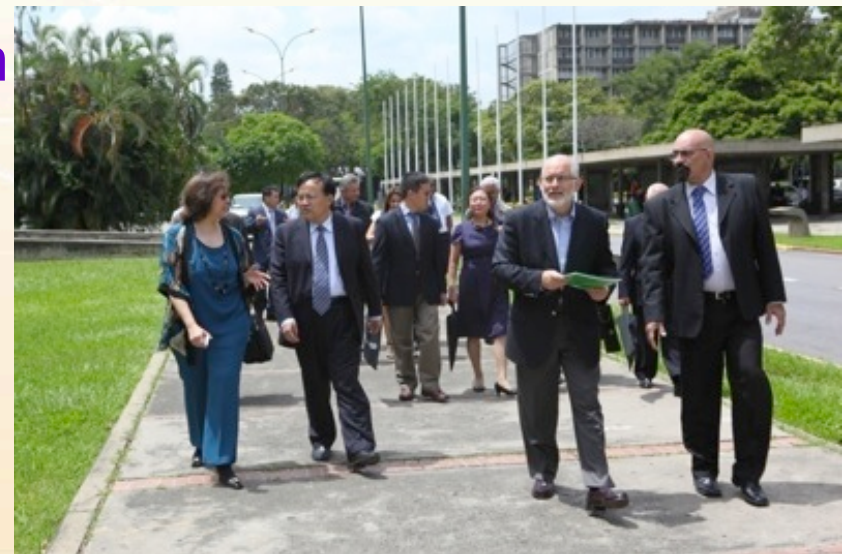
**As a national university of 1st tier in China, China University of Petroleum-Beijing tends to serve the energy industry of the world with its high quality education and research excellence.**





## III. Academic structure

1. College of Geosciences
2. College of Petroleum Engineering
3. College of Chemical Engineering
4. College of Mechanical and Transportation Engineering
5. College of Geophysics and Information Engineering
6. College of Science
7. School of Business
8. College of Humanities, Arts and Social Science
9. School of Foreign Languages
10. Department of Physical Education
11. School of Continuing Education
12. Chinese Language Center
- 13. Enhanced Oil Recovery Institute**
- 14. Unconventional Gas Institute**
- 15. New Energy Institute**



## IV. Faculty & Programs

CUPB has a staff body of 1237, including 214 full professors and 231 associate professors.

Provides 25 Bachelor, 99 Master and 44 Ph.D programs.



The educational programs and research activities in CUPB cover the whole process of oil & gas industry, including upstream and downstream.

# Top 1 programs in China

- Petroleum Engineering
- Oil & Gas Storage and Transportation
- Petroleum Geology
- Petrochemical Engineering
- Petro-Geophysics

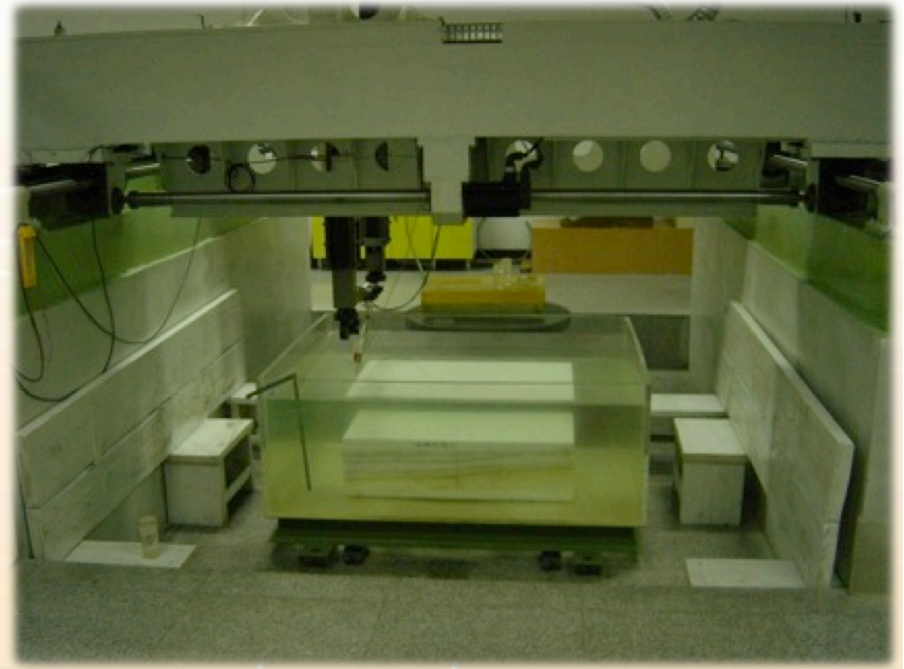




# PROGRAMS

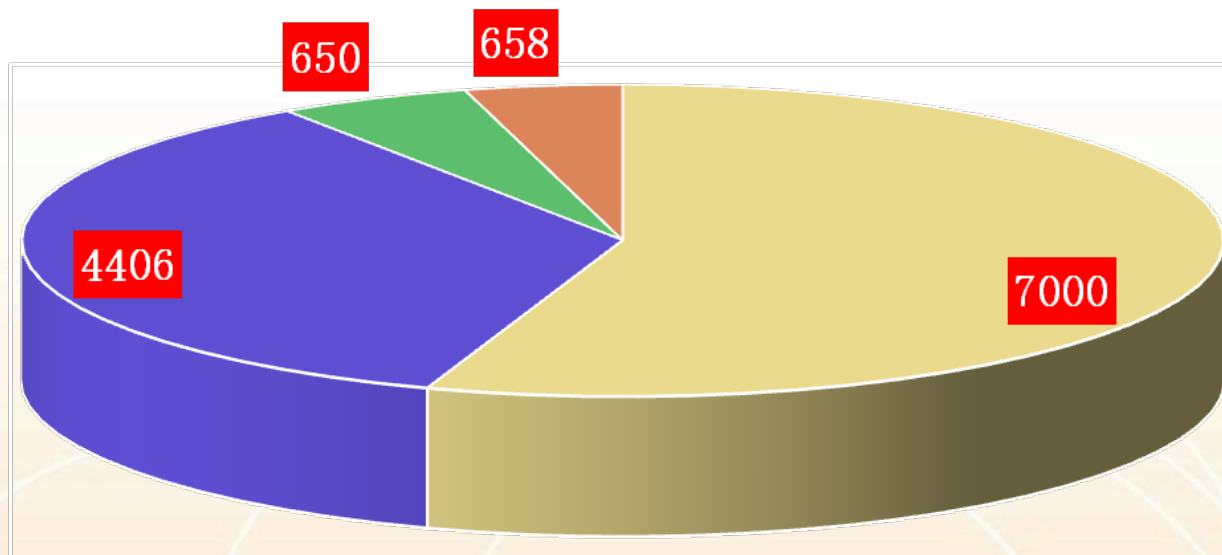
1. Geological Engineering
2. Environmental Science
3. Petroleum Engineering
4. Marine Engineering and Offshore Technology
5. Chemical Engineering & Processing
6. Processing Equipment & Control Engineering
7. Environmental Engineering
8. Energy Chemical Engineering
9. Exploration Technology and Engineering
10. Automation
11. Measurement and Control Technology and Instruments
12. Computer Science and Technology
13. Oil and Gas Storage and Transportation Engineering
14. Mechanical Engineering and Automation
15. Thermal Energy and Power Engineering

16. Safety Engineering
17. Applied Chemistry
18. Mathematics and Applied Mathematics
19. Material Science and Engineering
20. International Economics and Trade
21. Marketing
22. Accountancy
23. Information Management and System
24. Finance Management
25. English Language





# Total Enrollment — 12,714



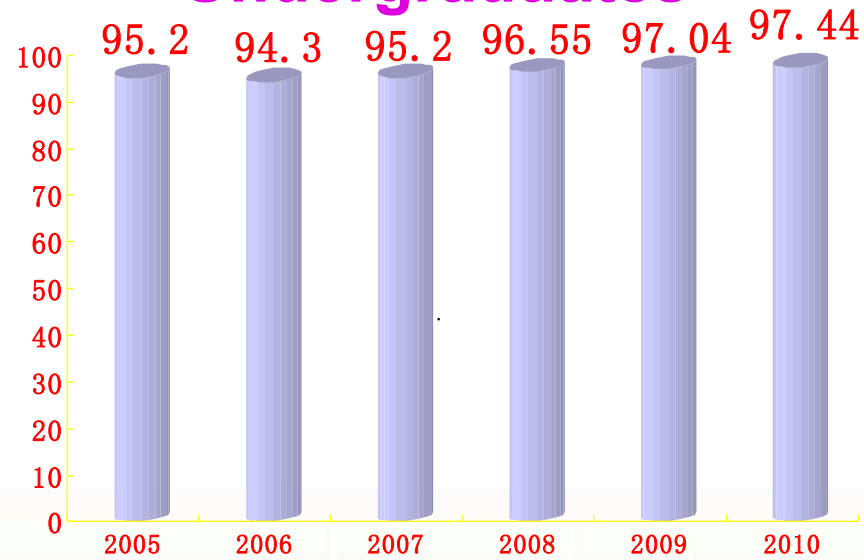
- Bachelor
- Master
- Ph. D
- Overseas



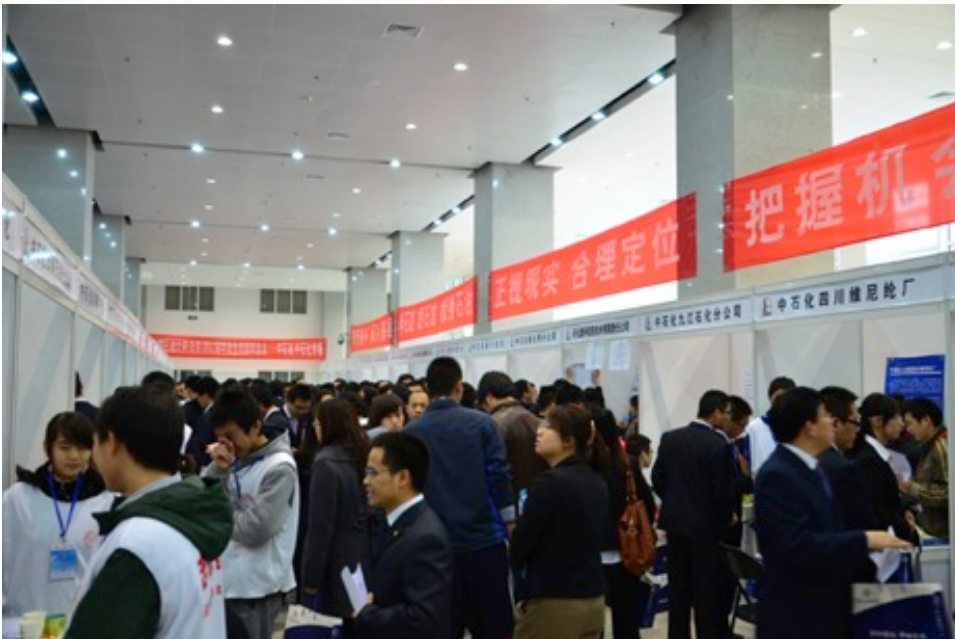
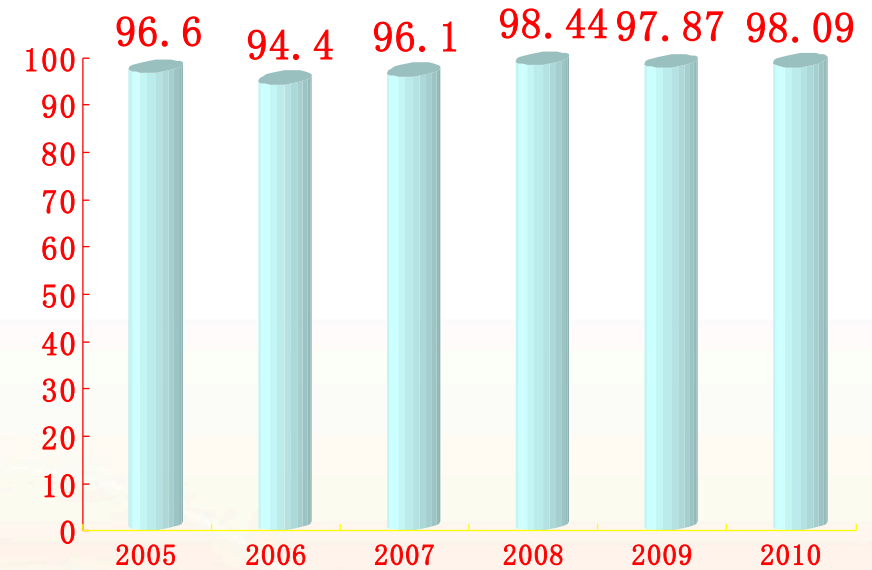
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# Student Employment Rate

## Undergraduates



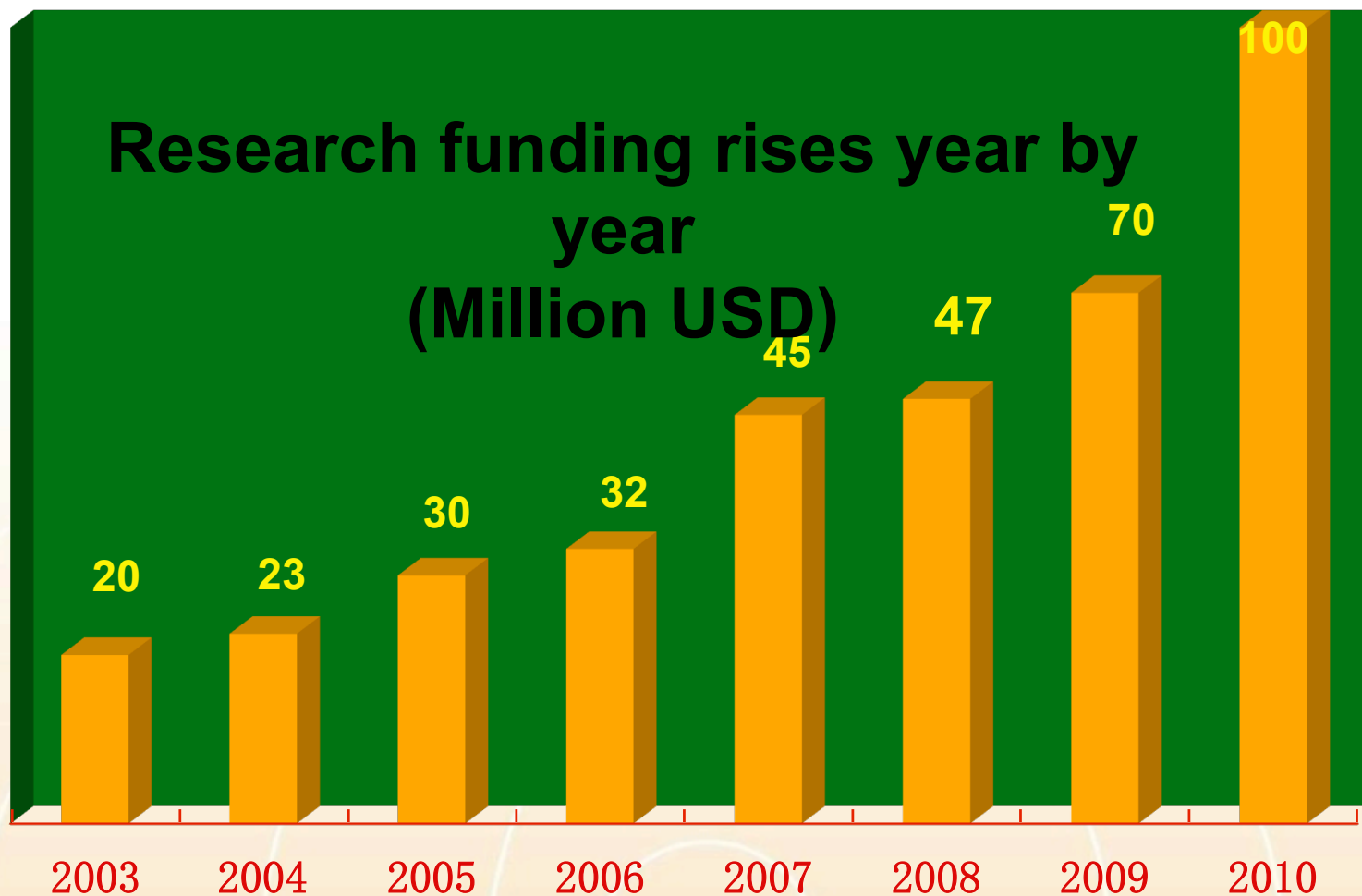
## Graduates



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# Research Funding grows





# Research

## — Areas with Strength

- Petroleum Geology
- Oil & Gas Geophysics
- Oil & Gas Well Logging
- Reservoir Engineering
- Reservoir Development Engineering
- Oil & Gas Storage and Transportation Engineering
- Petrochemical Engineering
- Mechanical & Electronic Engineering
- Oil & Gas Management



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## Research Centers and labs

- 2 National labs
- 2 Key labs sponsored by Ministry of Education
- 3 Engineering Tech Research Centers sponsored by Ministry of Education
- 2 Key Labs sponsored by Beijing Government
- 1 lab sponsored by China National Safety Bureau
- 11 labs sponsored by CNPC
- 2 labs sponsored by SINOPEC
- 4 joint research institutes with international companies



# Joint Education Program Partners

1. University of Edinburgh
2. University of Aberdeen
3. Robert Gordon University
4. Queen Mary University
5. Swansea University
6. University of Alaska at Fairbanks
7. University of Tulsa
8. Arizona state University
9. Memorial University of New Foundland
10. University of Waterloo
11. University of Ottawa
12. University of British Colombia
13. Gobkin Russian State University of Oil and Gas
14. Ufa University of Oil and Gas
15. University of Adelaide
16. Missouri University of S&T
17. University of South California



## Some international joint research programmes

- Transfer of ionic liquid alkylation technology (Royal Dutch/Shell Group )
- Study on M1 thin sand bodies reservoir seismic prediction in HORMIGUERO and HOTMIGUERO.SUR (Andes Company, Ecuador )
- CBM development and utilization capacity enhancement by integrated coal mining and gas extraction (U.S. Environmental Protection Agency )
- Appraisal of raw material and its transformed product SFEF separating water (Shell )
- R&D of Niumag imaging & analyzing system (The University of Houston )

- Research on oil sands carbonization function (WELL Resources INC )
- Tuha CBM project consultant service (BP, UK )
- R&D of oil sands fluid coking technology in Buton Island Indonisia (PT Bahagia Sukses Makmur )
- Construction of value evaluation model (CNPC-Aktobe Company )
- Non-conventional reservoir modeling technolog (CMG, Canada )
- Evaluation of the potential of CO<sub>2</sub> storage and China-UK cooperation in near zero emissions ( AEA, UK )
- Feasibility study of coal bed melhand (EU-China *Energy and Environment Programme*)

## V. International Relations

CUPB has set up cooperative relations with 93 overseas universities, research institutes and oil companies from 30 countries.





## VI. Linkage with Industry

- Over 45 companies provide scholarship, with an total amount of \$ 9.3 million
- Students do field work in over 40 companies
- 13 labs are sponsored by companies
- 80% of research funds are from industry



# Programs with International Companies

- Shell
  - Research project
- TOTAL
  - Summer School
  - TPA Seminar
  - Scholarship
- Husky Energy
  - Joint Lab
  - Scholarship
- Kogas
  - Staff training program
- Saudi Aramco
  - Student Program





- PI – under ADNOC
  - Student program
- CNPC International (Turkmenistan)
  - Student program
- PETRONAS
  - Student program
- Mongolian Petroleum Authority
  - Student program
- Conocophillips
  - Scholarship
- BP
  - Scholarship



## Scholarship programs Sponsored by

- TOTAL
- Husky Energy
- Mongolian Petroleum Authority
- Kogas
- PI – under ADNOC
- PETRONAS
- Conocophillips
- Aktobe Petroleum
- PetroKazakhstan
- Great Wall Drilling Company
- Great Nile Oil Company





- KAM Company
- Saudi Aramco
- Hanoi University of Mining & Geology
- CNPC-International Kazakhstan
- CNPC-International Turkmenistan
- Kazakhstan Ministry of Education
- KIC Oil Company
- Sudan Ministry of Education
- Sino-Saudi Gas Limited
- Russian Minister of Education



# Training Programs for International Companies

25 programs and 328 trainees from

- Aktubin Oil Company
- PetroChina Indonesia
- Cuba Oil Company
- Iraq Oil Company
- Ecuador Oil Company
- Mauritania Oil Company





## International Student Got 1<sup>st</sup> in Beijing Chinese Language Competition



# THANK YOU FOR YOUR ATTENTION

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