



## *Guidelines of IPPTC 2021*

The world is facing a critical period of development, and the petroleum industry has also been facing an unprecedented challenge in recent years. To cater to the need for effective environmental supervision in the process of oil & gas production, **International Petroleum and Petrochemical Technology Conference 2021 (IPPTC-2021)**, hosted by Xi'an Shi'you University, Shaanxi Petroleum Society and Beijing Zhenwei Exhibition Co., Ltd., aims to bring together academic scientists, researchers and scholars to exchange and share their experiences and academic researches on all aspects of petroleum and petrochemical technology.

*Beijing Venue: Mar. 30 - Apr.1, 2021*

***Theme: Transforming Oil & Gas Industry through Intelligence***

***Abstract submission deadline: Dec. 31, 2020***

*China International*

*Conference & Exhibition Center*

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*Shanghai Venue: Aug. 25-27, 2021*

***Theme: Sustainable Development of Petroleum and Petrochemical  
Enterprises***

***Abstract submission deadline: Apr. 30, 2021***

*Shanghai New Exhibition Center*



# International Petroleum and Petrochemical Technology Conference & Exhibition 2021 (IPPTC 2021)

## *Membership Types:*

- *Engineers and Managers*  
*For Petroleum and Petrochemical Company*
- *Professors and Students*  
*For Professors, Researchers, Scholars, Practitioners*
- *Institutional Membership*  
*For Research/Educational Institutions, Societies and Associations*

## **Organizations**

### 1. Organizers

Xi'an Shiyou University

Shaanxi Petroleum Society

Beijing Zhengwei Exhibition Co., Ltd.

### 2. Co-organizers:

- CNPC Tubular Goods Research Institute
- CNPC Bureau of Geophysical Prospecting
- Pipeline Technology and Safety Research Center, China University of Petroleum,  
Beijing
- State Key Lab of Enhanced Oil recovery
- School of Prospecting and Surveying, Changchun Institute of Technology
- Engineering Research Center of Development and Management for Low to  
Extra-Low Permeability Oil & Gas Reservoirs in West China, Ministry of  
Education
- Shaanxi Key Laboratory of Advanced Stimulation Technology for Oil & Gas  
Reservoirs
- Shaanxi Key Laboratory of Well Stability and Fluid & Rock Mechanics in Oil and



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Gas Reservoirs

## 3. Executors

- College of Petroleum Engineering, Xi'an Shiyou University
- Petroleum Engineering Professional Committee, Shaanxi Petroleum Society
- Xi'an Sinoline Petroleum Science & Technology Co., Ltd

- **We sincerely invite you to report the following frontier new technologies (or other essential technologies):**

## Beijing Venue

### I. Static and Dynamic Reservoir Evaluation and Management in E& P

- Geological Reservoir Characterization and Description
- Geophysics Reservoir Modelling and Interpretation
- Oil and Gas Production Performance Analysis
- Oil and Gas Well Production Monitoring
- Reservoir Modelling and Dynamic Simulation  
Enrichment mechanism and development technology of deep marine oil & gas
- Integrated Reservoir Development and Management
- Project Management and Facilities Optimization
- Economic Well and Asset Management
- Shale Oil and Gas, Heavy Oil and Coalbed Methane

### II. Drilling, Production

- Drilling Engineering
- Completion Engineering
- Fracturing and Acidizing Operation
- Fluid Injection Equipment and Wellhead Installation
- Artificial Lift Systems
- Well Integrity Management and Flow Assurance
- Operation Management of Field Production

### III. Oil & Gas Storage and Transportation and Flow Assurance



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Oil, Gas and Water Separation Technology  
Multiphase Flow Metering Technology  
Oil & Gas Storage and Transportation Technology  
Pipeline Inspection and Monitoring Technology  
Pipeline Management Technology

### IV. Offshore Drilling and Production Engineering, Gathering and

#### Transportation System

Offshore Drilling and Completion  
Offshore Oil and Gas Production Engineering  
Offshore Oilfield Enhanced Oil Extraction Technology  
Offshore Oil & Gas Storage and Transportation  
Offshore HSE

### V. Machinery and Material Technology

Mechanical Engineering Technology  
Material Engineering

### VI. Intelligence and Information Technology

Intelligent and Digital Oil & Gas Field Technology  
Oil & Gas Storage and Transportation Intelligence and Digital technology

## Shanghai Venue

### I. Refining and Chemical technology

Refining technology  
Natural gas processing and coal chemical technology  
Chemical technology  
Refining and chemical plant production operation management

### II. Oilfield Chemical Technology

Oilfield chemical injection  
Chemical cleaning agent  
Intelligent nano chemical flooding technology  
Chemical testing and analysis equipment



### III. Water Treatment Technology

- Sewage treatment chemicals
- New water treatment technology
- Pipeline water supply technology
- Water treatment technology and equipment

### IV. Corrosion Monitoring and Protection Technology

- Corrosion protection technology
- Corrosion monitoring and detection technology
- Pipeline corrosion control technology

### V. Environmental Monitoring and Management

- Environmental monitoring technology
- Environmental treatment technology
- Environmental management technology
- HSE management system

### VI. Intelligence and Digital Technology

- Factory intelligence and digital refining technology
- Intelligent technology for environmental monitoring
- Intelligent technology for corrosion monitoring

#### • **Instruction and Format**

1. The submission format requirements of the conference paper:

The abstract highly summarizes the academic and technical points of the full text, and is independent and self-contained, that is, you can obtain the necessary information without reading the full text of the



paper. The abstract needs to be written in four paragraphs (Around 250 words):

- a) Research purpose and scope;
- b) Methods, steps and processes;
- c) Results, understanding and conclusion;
- d) Innovation, technical contribution and significance.

The paper must be original and not published in any journals or conferences. The abstract must be registered and submitted through the website ([www.ipptc.org](http://www.ipptc.org)), and the full-text submission format must be downloaded from the conference website ([www.ipptc.org](http://www.ipptc.org)).

2. The full text submission requirements of the conference shall be edited in strict accordance with the paper template (the paper template is downloaded from the conference website), otherwise the conference committee will refuse to accept the manuscript.

3. Publication: Papers included in the conference will be published by an internationally renowned publisher - Springer Nature in the form of proceedings, which can be indexed by EI, SCI and Scopus.

IPPTC Event Team



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