

Shu-Li Wang



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Education:

M.S (1990-1992) Chemical Engineering, Auburn University
Auburn, AL, USA

Experience:

- 1.Chemical Engineer(1992-2026/now),CPC
- 2.Deputy Director (2023/5~2026/now) 5G AIoT Promotion Office, CPC

AI Selective Honors & Awards:

1. DCS/PLC Module AI Lifespan Prediction Technology --- National Yushan Award(2025)
2. AI Predictive and Health Management (PHM) Technology for Power Supply Units National Brand Yushan Award (National First Prize 2024)
3. AI Image Recognition for Predictive Maintenance of Rotating Machinery via Current Spectrum Analysis ---Chinese Petroleum Institute (Silver Award2022)
4. AI Diagnosis of Complex Multi-state Failures in Refinery Equipment and Precision AI Models for Gasoline Formula Optimization---Chinese Petroleum Institute(Silver Award 2021)

Main Duties :

1. Develop and maintain the CO2 and CCS plans, further maintain and control relevant reports.
2. Conduct and maintain the Refine Fluid Catalytic Cracking plans, and also manage relevant evaluated programs.
3. Study and implement latest policies and projects for different refinery bases.
4. Re-structure and evaluate the CCR projects, revamping and catalyst purchasing projects.
5. Analyze and research all kinds of technical issues of oilsands information, and manage and conduct relevant analytical reports.