

2019

# 中国C5&C9高价值利用研讨会

China C5&C9 High Value Utilization Conference

5.29-30 宁波 Ningbo

主办方  
Organizer



[Http://www.asiachem.org/2019C5C9](http://www.asiachem.org/2019C5C9)

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### 会议背景

中国的碳五、碳九（C5、C9）资源主要来自炼厂催化裂化，乙烯裂解，煤/甲醇制烯烃等。以乙烯裂解装置为例，副产C5为乙烯产量的10-15%，C9为10-20%。裂解C5组份有几十种，富含双烯烃和单烯烃；裂解C9有150多种组份，以不饱和烯基和稠环芳烃为主。

C5、C9是化工综合利用的宝贵资源。目前，C5主要应用于合成橡胶、石油树脂等领域；C9主要用于生产石油树脂、芳烃溶剂油等重要产品。近年来，中国各大研究院和生产企业不断开发高效的创新型工艺，C5、C9资源利用正朝精细化、多元化、高端化方向发展

中国C5、C9的化工利用与国际先进水平有一定差距。在炼化一体化和煤制烯烃大发展的背景下，中国已经成为全球C5、C9主要的增长来源。相比于中东和北美原料轻质化，中国企业应高效利用C5、C9资源，开发和利用新技术，提升下游产品附加值，以提升效益，增强企业竞争力。

**中国C5/C9高价值利用研讨会2019将于5月29-30日在宁波召开。**会议将探讨石化产业政策与C5、C9重点下游发展新趋势；C5、C9资源供需现状与展望；高效C5、C9馏分分离纯化工艺技术开发与工业化；C5、C9利用技术与产品市场；石油树脂生产工艺技术，原料优化，产品市场；C5、C9深加工精细化方向等，会议还将安排重点石化园区的参观考察。

### 会议主题

1. 产业政策与C5、C9重点下游发展新趋势
2. 炼化一体化、煤制烯烃项目发展与C5、C9资源供需展望
3. 高效的C5、C9馏分分离纯化工艺技术开发与工业化
4. C5馏分(环戊二烯、异戊二烯、间戊二烯等)利用技术开发
5. 基于C5、C9的合成橡胶生产技术与应用
6. C9馏分(双环戊二烯、苯乙烯、茚等)利用技术与产品市场
7. 石油树脂生产工艺技术开发与原料优化
8. 石油树脂产品应用与市场分析(涂料、热熔胶、胶黏剂等)
9. C5、C9深加工精细化方向探讨与前景分析
10. 石化与煤化工C5、C9高效利用工程实例
11. 工业参观与商务考察

### 日程安排

2019年5月29日	09:00-16:00	工业参观
2019年5月29日	17:00-20:00	报到注册
2019年5月30日	08:00-09:00	会议签到
	09:00-12:00	演讲报告
	12:00-14:00	自助午餐与交流
	14:00-18:00	演讲报告
	18:00-20:00	招待晚宴



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### Background

China's C5, C9 resources mainly from refinery catalytic cracking, ethylene cracking, CTO/MTO, etc. Taking the ethylene cracking as an example, the by-product C5 and C9 is 10%-15% and 10-20% of ethylene production, respectively. Components of C5 from ethylene, rich in diolefins and monoolefins; C9 has more than 150 components, mainly unsaturated alkenyl and fused aromatic hydrocarbons.

C5, C9 are valuable resources for comprehensive utilization. C5 is mainly used in the fields of synthetic rubber and petroleum resin. C9 is mainly used to produce petroleum resin, aromatic solvent oil and other important products. In recent years, China's major research institutes and enterprises continuously develop innovative processes, and the use of C5 and C9 resources is becoming more refined, diversified and high-end.

There is a certain gap between the chemical utilization of China's C5, C9 with the international advanced level. In the context of refining & chemical integration and the development of CTO, China has become a major source of growth for C5 and C9 worldwide. Compared with the lighter materials in the Middle East and North America, Chinese companies should make efficient use of C5 and C9 resources, to enhance the competitiveness of enterprises.

**China C5/C9 High-value Utilization Conference 2019** will be held on **May 29-30** in **Ningbo**. The upcoming event will discuss the petrochemical industry; C5, C9 resource supply & demand status and prospects; C5, C9 fraction separation and purification technology; C5, C9 utilization technology and product market; petroleum resin production technology, raw material optimization, product market; C5, C9 deep processing refinement direction,, etc. The meeting will also arrange visits to key industrial park.

### Topics

1. Industrial policy and C5, C9 key downstream development trends
2. Refining & chemical integration, CTO project development and C5, C9 resources supply & demand prospects
3. Efficient C5, C9 fraction separation and purification technology development and industrialization
4. C5 fraction (cyclopentadiene, isoprene, piperylene, etc.) utilization technology development
5. Production technology and application of synthetic rubber based on C5, C9
6. C9 fraction (dicyclopentadiene, styrene, hydrazine, etc.) utilization technology and product market
7. Petroleum resin production technology development and raw material optimization
8. Petroleum resin products application and market analysis (paints, adhesives, etc.)
9. C5, C9 deep processing refinement direction and prospect analysis
10. Petrochemical and coal chemical C5, C9 high-efficiency utilization engineering examples
11. Industrial visits

### Preliminary Agenda

- May 29,2019** 09:00-16:00 Industrial Visiting  
**May 29,2019** 17:00-20:00 Pre-conference Registration  
**May 30,2019** 08:00-09:00 Pre-conference Registration  
09:00-12:00 Speech  
12:00-14:00 Networking Lunch  
14:00-18:00 Speech  
18:00-20:00 Banquet