Brochure

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10th Annual Chemistry Congress



Venue

Wednesday, October 18-Thursday, October 19, 2017

Hyatt Regency Osaka

1-13-11 Nanko-Kita

Suminoe-Ku Osaka, Japan, 559-0034

Email: asiachemistry@chemistryconference.org
asiachemistry@chemistryconferences.org

http://chemistry.conferenceseries.com/asia-pacific/

Asia Chemistry 2017

Invitation

Conference Series LLC welcomes you to attend the ***10th Annual Chemistry Congress,*** *which is going to be held in* ***Osaka, Japan*** *during* ***October 18-19, 2017****.*

We cordially invite all the participants who are interested in sharing their knowledge and research in the arena of Asia Chemistry 2017.

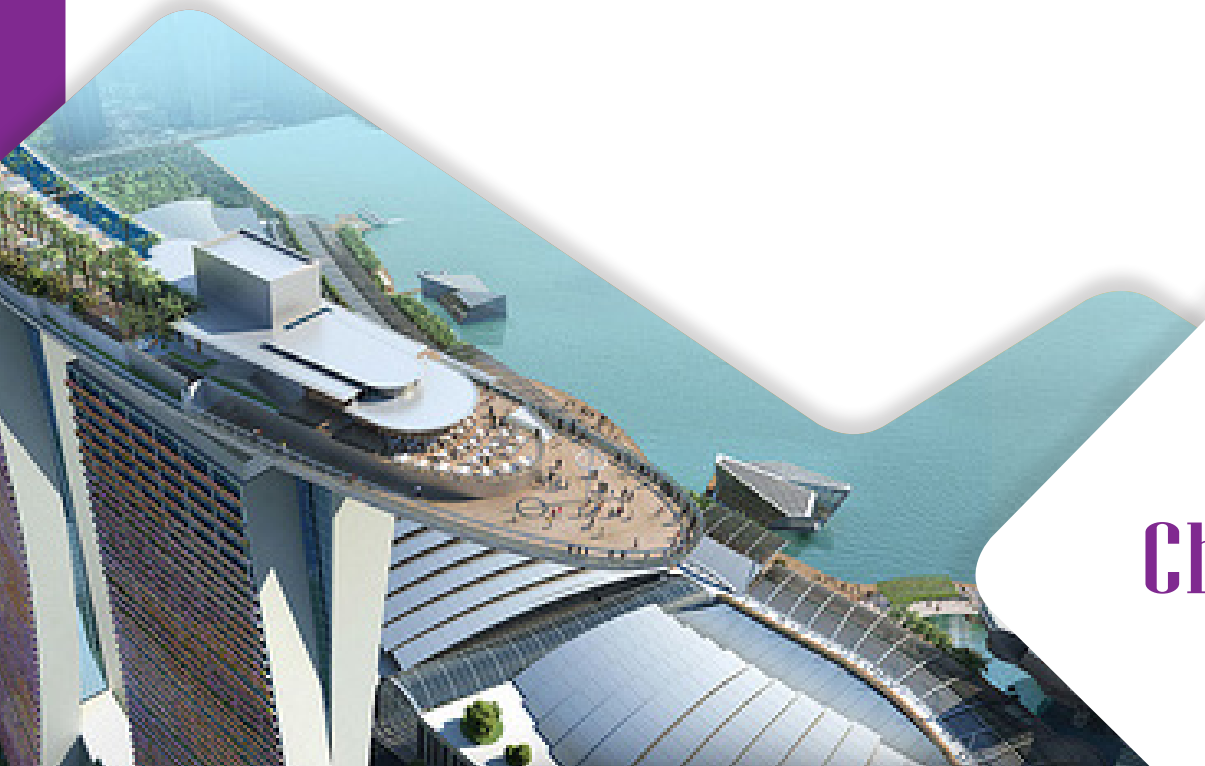
Asia Chemistry 2017 anticipates more than 200 participants around the globe with thought provoking Keynote lectures, Oral Presentations and Poster Presentations. The attending delegates include Editorial Board Members of related International Journals.

This is an excellent opportunity for the delegates from Universities and Institutes to interact with the world class Scientists.

The intending participants can confirm their participation by registering for the conference along with your colleagues. Avail the delegate early bird offer.

The main theme of the conference is ***"Recent Innovations in Chemistry".***

Regards,
Asia Chemistry 2017
Operating Committee



Asia Chemistry 2017

Tentative Agenda

October 18, 2017 Wednesday	
Time	***Session***
08:30-09:30	*Registrations*
	Group Photo
09:30-11:00	*Keynote Forum*
11:00-11:15	*Network & Refreshments Break**
11:15-12:15	*Track 1: Geochemistry*
12:15-13:00	*Track 2: Analytical Chemistry*
13:00-13:45	*Lunch Break***
13:45-15:00	*Track 3: Nuclear Chemistry*
15:00-16:00	*Track 4: Environmental Chemistry*
16:00-16:15	*Network & Refreshments Break**
16:15-17:00	*Track 5:Quantum Chemistry | Track 6: Green Chemistry*
17:00-18:00	*Track 11: Molecular Biology and Biochemistry | Track 16: Forensic Chemistry*
	Day Concludes

October 19, 2017 Thursday	
Time	***Session***
08:30-09:30	*Registrations*
09:30-10:30	*Keynote Forum*
10:30-11:30	*Track 7: Physical Chemistry | Track 17: Organic and Inorganic Chemistry*
11:30-11:45	*Network & Refreshments Break**
11:45-13:00	*Track 8: Theoretical Chemistry | Track 9: Materials and Polymer Chemistry | Track 10: Multi-disciplinary Chemistry*
13:00-13:45	*Lunch Break***
13:45-15:00	*Track 12: Natural Product Chemistry | Track 13: Synthetic Chemistry | Track 14: Medicinal Chemistry*
15:00-15:15	*Network & Refreshments Break**
15:15-16:30	*Track 15: Clinical Chemistry | Track 18: Electrochemistry*
16:30-18:00	*Poster Presentations*
	Award Ceremony
	Conference Concludes



Organizing Committee Members



Zanariah Abdullah
Professor
University of Malaya
Malaysia



Ruimao Hua
Professor
Tsinghua University
China



Ryszard Jankowiak
Professor
Kansas State University
USA



Jinasena Hewage
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Firouz Matloubi Moghaddam
Professor
Sharif University of Technology
Iran



Shlomo Rozen
Professor
Tel Aviv University
Israel



Market Analysis

Summary of Asia Chemistry 2017 Conference:-

Asia Chemistry 2017 gives the opportunity to specialists, professionals and teachers to introduce and talk about the latest developments, patterns, and concerns, down to earth challenges experienced and the arrangements received in the fields. Science Meeting concentrates on all viewpoints required with the substances of that matter comprises the examination of their properties and responses, and furthermore the utilization of such responses to make new substance.

Scope and Importance:-

Asia Chemistry 2017 is an international platform for presenting research about chemistry and related fields thus contributes to the dissemination of knowledge for the benefit of both the academia and business. This event brings together the top professionals in the field along with the highly affiliated professors to explore the advancements and latest applications achieved in the field of chemistry. Asia Chemistry 2017 discusses various fields of chemistry employed in theoretical, physical, organic, inorganic, and pharmaceutical, life science fields which mark the support for the advanced and much needed research by their study on various topics:

- *Geochemistry*
- *Analytical Chemistry*
- *Nuclear Chemistry*
- *Environmental Chemistry*
- *Quantum Chemistry*
- *Green Chemistry*
- *Physical Chemistry*
- *Theoretical Chemistry*
- *Materials and Polymer Chemistry*

About Venue:

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speediest entertainment mecca will bring attained those 10 million point of reference toward those time. Those Umeda sky fabricating may be those nineteenth-tallest fabricating to Osaka Prefecture, Japan, and a standout amongst those city's the vast majority unmistakable landmarks. It comprises of two 40-story towers that interface in their two highest stories it will be found On Umeda locale for Kita-ku.

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Societies Associated with Pharmaceutical Research:- City Statistics:-Osaka

- *society Chemical information society*
- *The electrochemical society*

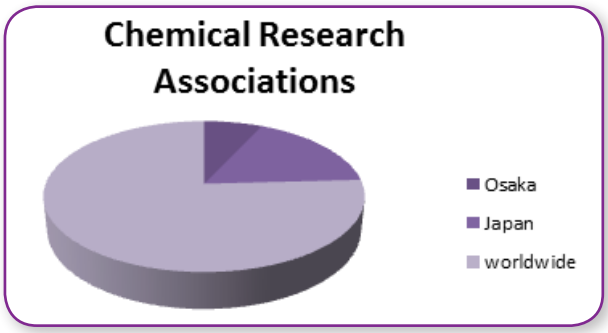
Country wise Statistics:- Japan

- *Japan Association for International Chemical Information*
- *Japan Combinatorial Chemistry Focus Group (JCCF)*
- *The Japan Society for Analytical Chemistry*
- *Commission on Human Medicines*
- *Department of Health*

Worldwide Statistics:- International

- *Czech Chemical Society*
- *Italian Chemical Society*
- *European Society for Separation Science*
- *The Chromatographic Society*
- *Swedish Mass Spectrometry Society*
- *British Mass Spectroscopic Society*
- *American Institute of Chemists*
- *American Society of Brewing Chemists*
- *American Society for Mass Spectrometry*
- *Royal Society of Chemistry (RSC)*
- *Swedish Chemical Society*
- *Alpha Chi Sigma*
- *American Association for Clinical Chemistry*
- *American Chemical Society*
- *American Crystallographic Association*
- *American Institute of Chemical Engineers*
- *American Institute of Chemists*
- *American Oil Chemists' Society*
- *American Society of Brewing Chemists*
- *American Society for Mass Spectrometry*
- *Association of Analytical Communities (AOAC International)*
- *Association of Greek Chemists*

Statistical Representation:-



Industries Associated with chemical Research:- List of chemical companies in Osaka:

- *Access Games*
- *Active Gaming Media*
- *Aigan*
- *Asahi Broadcasting Corporation*
- *Asahi Shimbun*
- *Capcom*
- *Cheerio (company)*
- *Choya Umeshu*

- *Daicel*
- *Daihatsu*
- *Daimaru*
- *Daiwa House*
- *Descente*
- *Dimps*
- *JEX Co., Ltd.*
- *JST connector*
- *Kaiyodo*
- *Kansai Commodities Exchange*
- *Kansai Electric Power Company*
- *Kansai Telecasting Corporation*
- *Keihan Electric Railway*
- *Kinki Sharyo*
- *Kintetsu Bus*
- *Kintetsu Department Store*
- *Kintetsu Group Holdings*
- *Kintetsu Railway*

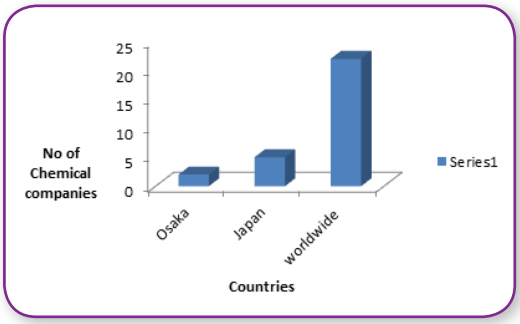
List of chemical companies in Japan:

- *Albion Co., Ltd.*
- *Mitsubishi Plastics*
- *Morita Kagaku Kogyo Co., Ltd*
- *Nichia*
- *Nippon Menard Cosmetic Co.*
- *Nippon Paint*
- *Nitto Denko*
- *T. Hasegawa*
- *Taiyo Nippon Sanso Corporation*
- *Takasago International Corporation*
- *Tamiya Corporation*
- *Teijin*
- *Toagosei*
- *Mandom*
- *Matsui Shikiso Chemical*
- *Mitsubishi Gas Chemical Company*
- *Toho Tenax*
- *Toyob*

List of chemical companies in the World:

- *BASF*
- *Dow Chemical*
- *Sinopec*
- *SABIC*
- *ExxonMobil*
- *Formosa Plastics*
- *LyondellBasell*
- *DuPont*
- *Ineos*
- *Bayer*
- *Mitsubishi Chemical*
- *Royal Dutch Shell*
- *LG Chem*
- *Braskem*
- *Air Liquide*
- *AkzoNobel*
- *The Linde Group*
- *Sumitomo Chemical*
- *Mitsui Chemicals*
- *Evonik Industries*
- *Toray Industries*
- *Reliance Industries*
- *Yara International*
- *PPG Industries*
- *Solvay*
- *Lotte Chemical*
- *Chevron Phillips Chemical*
- *DSM*
- *Praxair*
- *SK Innovation*
- *Shin-Etsu Chemical*
- *Huntsman*
- *Syngenta*
- *Borealis*
- *Lanxess*
- *Asahi Kasei*
- *Sasol*
- *Air Products & Chemicals*
- *Eastman Chemical*
- *PTT Global Chemical*
- *Mosaic*
- *DIC*
- *Arkema*

Statistical Representation:-



Market Value on Chemical Research:-

Country Statistics:- Top 10 chemical research companies revenues in 2014:

Based global Biopharmaceutical company Pfizer held $203.93bn in market capitalization and $172.1bn worth assets as of May 2014. The company, which produces diverse healthcare products including human and animal biologic and small molecule medicines and vaccines, as well as nutritional products, recorded sales of $52.67bn and profit of $22bn in 2013.

Pfizer was founded by Charles Pfizer and Charles Erhart in 1849 and is headquartered in New York. The company operates through five segments; Primary Care, Specialty Care and Oncology, Established Products & Emerging Markets, Animal Health, and Consumer Healthcare, and currently employs 77,700 people.

Worldwide Statistics:- Top 20 worldwide chemical companies' revenues in 2014

The chemical sector is a cyclical business. It is closely tied with the fluctuations in countries' GDP, because so many of its products are used in early stages of the manufacturing supply chain. Currently, companies count on the buoyant automotive sector - the chemical industry's first outlet, ahead of construction and electronics. Combined, these three sectors account for roughly a third of chemical companies' global revenues.

Estimated at USD3tn (pharmaceuticals excl.), global chemical output experienced a decent year in 2015 as the slump in oil prices brought down the costs of feedstock. However, pass-through to output prices was a drag on worldwide sales increase in comparison to the +3.5% growth in sales volume in 2015. In 2016, we do not expect global sales to pick up despite a growth in volume estimated at +3%.

The collapse in the oil price helps European chemicals companies to catch up with North American competitors, still boosted by their limited exposure to changes in naphtha prices. However, chemical sales are likely to be hit by poor economic performance across emerging countries (Russia and Brazil are prominent examples) while China might face a more gloomy outlook than previously hoped.

Market Growth of chemical research in the last and upcoming ten years

Overall based R&D Globalization and R&D Services market reached US$ 20 billion@ in 2015, up by 9.9 per cent over 2014. R&D Services market stood at US$ 7.76 billion and R&D Globalization market (Captives) stood at US$ 12.25 billion. R&D globalization and services market is set to almost double by 2020 to US$ 38 billion. accounts for 40 per cent (US$ 12.3 billion) of the total US$ 31 billion of globalized engineering and R&D in 2015.#India will likely get into the list of the top 25 nations in the Global Innovation Index, in the next 10 years.%

Based R&D services companies, which account for almost 22 per cent of the global addressed market, grew much faster at 12.67 per cent. The market for Engineering R&D (ER&D) companies is mainly structured across pure play PES companies such as Cyient, QuEST, eInfochips and the larger IT companies with a PES play such as Wipro, TCS, and HCL. India's ER&D services market is expected to reach US$ 15-17 billion by 2020 and North America continues to be the largest market contributing to 55 per cent of revenues

Country Statistics:-

The global market for sealants and sealant applicators industry should reach $26.4 billion by 2021 from $21.5 billion in 2016 at a compound annual growth rate (CAGR) of 4.2%, from 2016-2021

Products manufactured by the industry relating to chemical Research:-

- *Polymers*
- *Petrochemicals*
- *synthetic rubber,*
- *pigments,*
- *turpentine,*
- *titanium dioxide,*
- *explosives,*
- *phosphates,*
- *ammonia*

Funds allotted to chemical Research:-

The Indian government has proposed a financial plan for the following monetary year that will push up spending in many zones of science and research. Arrangements are additionally underway to make 20 world-class instructing and investigate organizations in India in the coming years. India's back clergyman presents the 2016â€"2017 spending plan, which will build financing for science, innovation and the Financing for the general class of science, innovation and nature is set to rise 16% on a year ago to INR209 billion (£2.2 billion). In any case, almost 33% of that expansion is probably going to be lost to India's present swelling rate of 5%. Sun oriented vitality explore – a key concentration of executive administration – is among the greatest victors in the proposed spending plan, with the renewable vitality service distributed INR142 billion, more than twofold current financing levels. The immense subsidizing increment comes after India and France propelled the International Solar Alliance to support the take-up of sun based vitality in creating nations in November a year ago.

Worldwide:-

Science and research are vital to our country's prosperity, security and wellbeing. At a time of tight control over public spending, the Government continues to protect investment and Government is protecting science resource funding at its current level of £4.7 billion, which will rise in cash terms every year, for the rest of the Parliament. At the same time, we are investing in new scientific infrastructure on a record scale - delivering on the £6.9 billion1science capital commitment in our manifesto. The total investment of £26.3 billion between2016/17 to 2020/21 builds on the protections for the science budget in the last Parliament– a decade of protection of the science budget, and a decade of sustained investment by this Government.

This includes a new £1.5 billion investment over the period 2016/17 – 2020/21 in a new Global Challenges Research Fund (GCRF), to ensure UK research takes a leading role in addressing the problems faced by developing countries. This is unique opportunity forUK academics to work with partners around the world and at the same time to address some of the biggest challenges of our time.

Federal Agencies:-

- *SBIR funding*
- *PRF funding*
- *DOD Grants*

Non-Federal Research Associations and Foundations:

- *Agency for Healthcare Research & Quality (AHRQ)*

Pharmacy research funding

- *ACS Petroleum Research Fund: -*
- *The Petroleum Research Fund is an endowed fund, managed by the American Chemical Society that supports fundamental research directly related to petroleum or fossil fuels at nonprofit institutions (generally colleges and universities) in the United States and other countries.*

Members Associated with chemical Research:-In regard to Industrial personnel:

Research Positions:-

- *Research Associate*
- *Research Scientist*

Clinical Development and medical Jobs:-

- *Clinical Research Associate*
- *Regulatory Affairs Associate*

Manufacturing Jobs:-

- *Chemical Engineer*

Business Operations Jobs:-

- *Market research Analyst*
- *Product Manager*
- *Chemical analyst*
- *Business Development Manager*

Apart from the industrial personnel where most of the research work is done, other research communities include:-

- *Researchers include Post docs, Research Associates.*
- *Scientists include Professors, Associate professors, and Assistant professor.*
- *Industries include Presidents, CEO's, and R&D Managers.*

Bibliography:

- *http://www.bccresearch.com/market-research/healthcare/biosurgery-technologies-markets-report-hlc195a.html*
- *https://www.acs.org/content/acs/en/funding-and-awards/grants/prf.html*
- *https://en.wikipedia.org/wiki/List_of_chemistry_societies*
- *http://www.ldeo.columbia.edu/campus-services/administration/contracts-and-grants/funding-sources*

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Key features

- *Presentation by renowned speakers from all over the world*
- *Poster presentations and world class exhibits*
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- *Platform for global networking*
- *Connecting scientific community*

Special Issues

All accepted abstracts will be published in respective Supporting International Journals

Each abstract will be provided with digital Object Identifier by crossref



Asia Chemistry 2017

About Conference

The field of Asia Chemistry 2017 is growing rapidly and its development is making tremendous impacts in nursing. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

Asia Chemistry 2017

- *Opportunity to attend the presentations delivered by eminent scientists from all over the world*
- *Selected contributions will be published in following Supporting International Journals*
    - *Chemical Sciences Journal*
    - *Journal of Organic & Inorganic Chemistry*
    - *Organic Chemistry: Current Research*
    - *Pharmaceutical Analytical Chemistry: Open Access*
- *Participation in sessions on specific topics on which the conference is expected to achieve progress*
- *Global networking: In transferring and exchanging Ideas*
- *Share your excitement in promoting your skills in the field of designing*
- *Conference brings together Scientific Researchers, Business Entrepreneurs and Industry Developers*



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Important Dates

Abstract submission opens: October 17, 2016

Registration opens: October 24, 2016

Early bird registration: August 28, 2017

On spot registration: October 18, 2017



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