

# 4th International Conference and Exhibition on Food Processing & Technology

Date & Venue: August 10-12, 2015 London, UK

(Theme: Food Technology: Trends and Strategies for Innovation of Sustainable Foods)

## Summary

The 4th International Conference and Exhibition on Food Processing & Technology to be held at London, UK during August 10-12, 2015 hosted by OMICS Group Conferences through the theme "Food Technology: Trends and Strategies for Innovation of Sustainable Foods", conference will explore the advances in Food Science & Processing, Nutrition & Nutritional Management and Public Health etc. It will be a premier event that brings together a unique and International mix of experts, researchers and decision makers both from academia and industry across the globe to exchange their knowledge, experience and research innovations to build a world Food Scientist & Nutritionist meet. OMICS International Publishes 400+ Open access journals which contains over 30000 eminent personalities, reputed scientists as editorial board members and Organizes 300+ Conferences every year across USA, Europe & Asia with support from 1000 more scientific societies.

This meet enables a common platform for the participants to discuss their research in order to establish a scientific network between the academia and industry leading to foster collaboration and to evaluate the emerging issues, technologies and innovations leads to explore new possibilities and improving the existed opportunities

For more details please visit- <http://foodtechnology.conferenceseries.com/>

## Importance & Scope:

The prevention of diet-related diseases is one of the new societal challenges of the 21st century. In October 2011, the world population passed the 7 billion mark. Such growth will put a massive strain on the global food supply. These factors alone make the production and distribution of food a critical issue for the 21st century. London's food sector is worth a massive £17bn with small and medium food businesses providing the majority of the industry's 300,000 jobs. In 2011, 25 countries together accounted for 90% of UK food supply. Just over half of this (51.8%) was supplied domestically from within the UK.

Food Technology-2015 is designed to offer comprehensive range of sessions that includes breaking innovations in Food Science, Preservation, Quality Standard and Systems Management, Food Processing and Packaging Technology, Nutrition and Nutritional Management, Food and Health, Application of Food Technology, Nutritional Deficiencies and Nutraceuticals, Sustainable Food Security, Food Nanotechnology and Food Biotechnology.

## Why London?

The UK food sector contributed GBP 80.5 billion to the UK economy in 2007. As the largest manufacturing sector in the country, it employs nearly 3.6 million people in food and farming. Approximately 196,000 food chain enterprises ranging from large retailers to small cafés existed in 2007. In addition, GBP 13.2 billion worth of food was exported in 2008 while nearly GBP 31.6 billion worth of food was imported.

## Conference Highlights

- Breaking Innovations in Food Science
- Functional & baby foods
- Non-thermal Food Preservation Technologies
- Packaging processes, materials & components
- Food regulatory affairs & sensory analysis
- Nutritional Deficiencies and Nutraceuticals
- Sustainable Food Security
- Food fortification

## Why to attend???

Food Technology-2015 will be an epic event with various symposium and workshop. Food Technology will bring to their audience with best Organizing Committee Member and renowned speaker from unbeaten legends from business world and matchless academicians. People associated with this event is surprisingly increasing and supporting to make a grand congress of the year. Most advanced topic were going to be discussed and people are Director, VP of packaging, R&D of Marketing Director and distinguished scientific advisor are making gradient of these event more finer.

A Unique Opportunity for Advertisers and Sponsors at this International event:

<http://foodtechnology.conferenceseries.com/Sponsorship.pdf>

## Major Food Technology Associations in & around London:

- Advisory Committee on the Microbiological Safety of Food
- British Egg Information Service
- British Nutrition Foundation
- Department for Environment, Food & Rural Affairs
- Department of Health
- Food and Drug Administration (FDA)
- Food and Drink Federation (FDF)
- Food Standards Agency
- The Royal Institute of Public Health
- The Royal Society of Chemistry

## Major Food Technology Associations in UK:

- The Beer Academy
- Scottish Food and Drink
- The Royal Society for the Promotion of Health (RSPH)
- The Society for Applied Microbiology (SFAM)
- Society of Dairy Technology
- SSICA

## Major Food Technology Associations in Europe

- Spanish Council for Scientific Research
- Association of Food Science and Technology of Basque Country
- Belgian Association of Food Technology
- Czech Committee for Food Science and Technology
- Centre for Advanced Food Studies
- Food research Institute Albania
- German Federation of Food Science and Technology
- The Institute of Food Science and Technology of Ireland
- National Institute for Agriculture Research in Tunis
- ISEKI Food Association
- Central Food Research Institute

## Associated Universities

### In and Nearby London:

- King's College London
- Greenwich university
- London Metropolitan
- Westminster university
- St's Mary's College
- London South Bank

### Top Universities UK

- Reading University
- Nottingham University
- Newcastle University
- Queen's, Belfast University
- Surrey University
- Ulster University
- Coventry University
- Northumbria University
- Robert Gordon University
- Harper Adams University
- Greenwich University
- Plymouth University
- Liverpool John Moores University
- Chester University
- Leeds Metropolitan University
- Hertfordshire University
- Queen Margaret University
- Birmingham College of Food
- University of Leeds

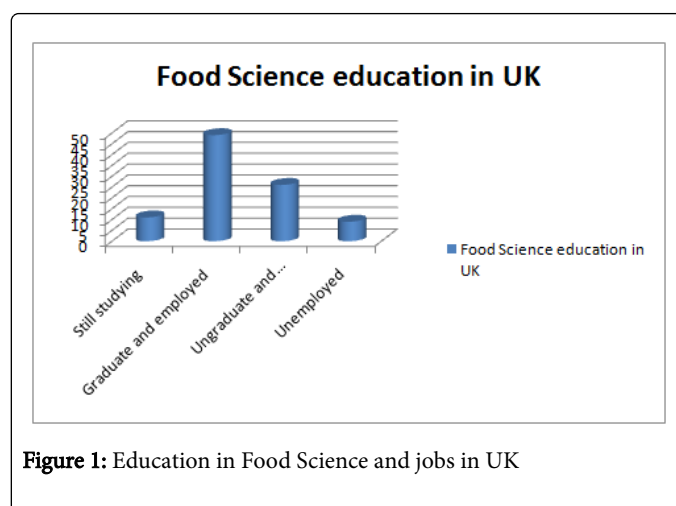


Figure 1: Education in Food Science and jobs in UK

## Companies Associated with Food Technology:

### In UK, major companies are

- Buhler Sortex Ltd
- Marks & Spencer Green Park Simply Foods
- The Olive Grows
- Tetrapak Processing pvt ltd
- United Biscuits
- Tilda (food manufacturer)
- Square Pie
- Chelsea Foods
- J. Lyons and Co., Greenford
- Konditor & Cook

### Major companies in Europe are

- Heineken UK
- Coca-Cola
- Irish Dairy Board
- Premier Foods
- Glanbia
- Tate and Lyle
- Kerry Group
- Diageo
- Associated British Foods
- Unilever

## Market Value of Food Technology

- Total investments in the meat industry amounted to EUR 1,077 million in 2007, representing 12.7 percent of investments in overall food industry.
- The greatest share of investments has been in machinery and equipment which represented 71 percent of total investment in the industry in 2007.
- Demand for agricultural products will increase by 50 percent between now and 2030 and by 70 percent by 2050.
- On average over 300 food recalls are reported every year, which result in more than 75 million food-borne illnesses, 325,000 hospitalizations and 5,000 deaths.
- Food processors are extremely important members of the food value chain that will need to support the expected global population of over 10 billion people.

- With an expected 2 billion more people by 2050, feeding the planet remains a concern of governments all over the world.

### Market Growth of Food Technology in the last and upcoming ten years

- McDonald's saw its sales rise to £2.3 billion in 2013 in UK
- Estimated total UK food and drink waste is around 15 million tons per year, with households generating 7.2mt/year of which 4.4 is avoidable.
- Levels of food and drink waste by commercial and industrial businesses in the food sector were almost halved between 2002-03 and 2009, down 49%.
- The food sector (excluding agriculture) is showing resilience to the economic downturn with an increase of 6.3% in GVA in 2011. There were rises of 7.4% in food wholesaling, 4.7% in food manufacturing and 14.6% in non-residential catering. Food retailing changed little at 0.4% up on 2010.
- Longer term, the food sector (excluding agriculture) increased by 48% between 2000 and 2011 while the whole economy increased by 61%. The food sector has less scope for growth as there is a limit to consumer intake capacity and therefore it relies largely on quality improvements.
- Spend on food shopping has increased 14% since 2007 and accounted for more than half of spend in the sector in 2011.
- Spend on all alcoholic drinks fell 5.4% between 2007 and 2009. Yearly increases in off-license spend were countered by a 10.5% fall in on-license spend between 2007 and 2011.

### Fund Allotment to Food Technology

- The Institute of Food Research is the only publicly funded UK research institute for food and health. Food and Health Network

(FHN) of the IFR, with over 200 corporate members, engages with the food industry in a collegiate atmosphere.

- Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) brings together over 70 research groups from 18 countries are contributing to this call, which has a budget of €19M of national funding and including a contribution from the European Commission of €4M. It has aim improve the characterization of European food security due to climate change and to enhance adaptation capacity through improvements in modeling of impacts of climate change.
- Swedish Food Federation as approximately 800 member companies Production value: 170 billion SEK and Number of employees: 55 000.
- Sida is a government agency encourages Africa Enterprise Challenge Fund which provide 200 million dollar private sector fund aim to includes research-based agribusiness, renewable energy and rural financial services.
- NIH's SBIR and STTR programs will invest over 750 million dollars into early-stage, health and life science companies
- There are other many society that work FoodDrinkEurope, Food Standard Agency, National Fund for Scientific Research, and many more.

### References

1. <http://www.thecompleteuniversityguide.co.uk/league-tables/rankings>
2. <http://www.fooddrinkeurope.eu/>
3. <http://www.ledc.com/food-processing>
4. <https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>