

## CONTINUOUS/DISTRIBUTED MANUFACTURING



## MONTHLY ROUNDUP – NOVEMBER 2019

### NEWS

#### **A review of Almac's flow assisted synthesis technology**

This article in Manufacturing Chemist looks at Almac's flow assisted synthesis technology, which focuses on four key areas: high-pressure hydrogenation; high-energy chemistry; oxidation; and photochemistry.

[https://manufacturingchemist.com/news/article\\_page/Expanding\\_continuous\\_flow\\_chemistry\\_with\\_assisted\\_synthesis\\_technology/159557](https://manufacturingchemist.com/news/article_page/Expanding_continuous_flow_chemistry_with_assisted_synthesis_technology/159557)

#### **Pfizer's 'long and complex' journey to continuous manufacturing**

A Pfizer executive explains how the integration of continuous manufacturing helped the company deliver drugs to patients faster.

<https://www.in-pharmatechnologist.com/Article/2019/11/27/Pfizer-executive-at-Pharma-Integrates-on-continuous-manufacturing>

#### **Continuous Manufacturing Market Outlook 2019**

This latest report by Reports Monitor shows that the global continuous manufacturing market will see steady growth in the coming years. The research report analyses market drivers, restraints, threats and opportunities.

<https://www.marketwatch.com/press-release/continuous-manufacturing-market-outlook-2019-witnessing-enormous-growth-with-recent-trends-demand-ge-healthcare-merck-millipore-repligen-danaher-corporation-and-more-2019-11-25>

#### **Enzene opens its first continuous biologics manufacturing facility**

Enzene Biosciences, a subsidiary of Alkem Laboratories, has opened its first fully connected continuous biologics manufacturing facility in Pune, India. The facility was built in half the time compared to a conventional biologics manufacturing plant and has a significantly smaller footprint than conventional facilities.

<https://finance.yahoo.com/news/enzene-opens-first-continuous-biologics-111200882.html>

## EVENTS

### Australian Flow Chemistry Symposium 2019

*2-3 December 2019 Melbourne, Australia*

Organised by CSIRO, this [symposium](#) is aimed at fostering exchange between chemists, chemical engineers, material scientists and other disciplines active in flow chemistry and microreactor technology. It will feature presentations on the latest advances in areas such as continuous processing for pharmaceutical, fine chemical and polymer manufacturing, flow electrochemistry, flow photochemistry, flow catalysis, microreactor technology, flow chemistry in space, among many more.

### Flow Chemistry Europe

*3-4 March 2020, Wellcome Genome Conference Centre, Hinxton, Cambridge, UK*

Topics at this [event](#) will include chemical synthesis in flow, as well as the preparation of polymers for materials science and medicinal chemistry. The impact of machine-learning, self-optimising systems and novel analytical techniques in flow will also be featured. Running alongside the conference will be an exhibition covering the latest technological advances in the area of flow chemistry with companies from Europe, the US and Asia.

### Flow Chemistry Congress

*19-20 May 2020, The Wyndham Boston Beacon Hill Hotel, Boston, Massachusetts, USA*

Speakers include chemists and engineers, from both industry and academia. Sessions will cover emerging technologies and applications of flow chemistry as well as new technological advances in high throughput chemistry. There will also be an exhibition covering the latest technological advances with companies from Europe, USA and Asia-Pacific.

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