

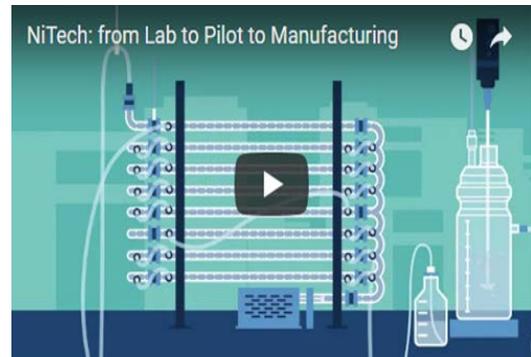
July 2018

.... enabling distributed manufacturing

Croda, Sanofi successes highlighted in new video

Safer, Greener, Faster... and Cheaper

NiTech's innovative continuous processing technology is highlighted in a new video featuring successes achieved by Croda and Sanofi. Click [here](#) to view the video and discover the compelling business reasons for adopting a NiTech crystalliser/reactor.



New Medicines Manufacturing Centre to strengthen UK pharma

A new £56 million Medicines Manufacturing Innovation Centre (MMIC) is to be located in Renfrewshire, Scotland. It will be led by the Centre for Process Innovation (CPI), part of the High Value Manufacturing Catapult, along with the University of Strathclyde, the Medicines Manufacturing Industry Partnership (MMIP) and founding industry partners, AstraZeneca and GlaxoSmithKline.

The centre will accelerate the adoption of novel technologies, including continuous processing, as the pharma industry aims to speed up manufacturing, reduce waste and cost, and develop precision medicines.

Sir John Bell, author of the Government's Life Sciences Industrial Strategy report, said the pharmaceutical industry urgently needs new processes and approaches.

He told a recent meeting of the Medicines Manufacturing Industry Partnership that companies need to become more agile in their approach, and that innovative technologies such as continuous processing could enable step-changes in medicines manufacturing.



Sir John Bell, Regius Professor of Medicine, University of Oxford

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NiTech Solutions expands

NiTech has appointed Ross MacLeod as a technical support engineer to be based at its engineering partner, Alconbury Weston Ltd (AWL) in Stoke-on-Trent, UK. The appointment is part of NiTech's broadening collaboration with AWL as demand for its crystallisers and reactors continues to grow strongly.

Ross is a MEng graduate chemical engineer from Heriot-Watt University in Edinburgh, Scotland, with industrial experience in both the pharmaceutical and oil and gas industries. He has also worked on oscillatory-baffled mixing with NiTech's founder and technical director, Prof Xiong-Wei Ni.



New: Feasibility studies at Purdue University



NiTech is delighted to announce a new partnership with Prof Zoltan Nagy, Professor of Chemical Engineering at Purdue University, Indiana, USA.

The partnership is part of NiTech's expansion plans in North America, where Prof Nagy and Purdue are now offering companies the opportunity to undertake feasibility work for their processes in his laboratory. Prof Nagy has already published a number of important scientific papers on his work with NiTech's technology.



Prof Nagy's research interests include pharmaceutical systems engineering, modelling, monitoring, optimisation and control of chemical processes, in particular crystallisation systems and process analytical technologies. He is subject editor (pharmaceutical engineering) for Chemical Engineering Research and Design, and associate editor for Control Engineering Practice.