



The International Workshop on the Bees Algorithm and its Applications (BAA) is an interdisciplinary forum for researchers and engineers to share the latest research results, ideas and developments relating to the popular bees-inspired optimisation technique and its applications. The First Workshop, to be held online on 29 September 2021, will focus on applications of the Bees Algorithm to Intelligent Production and Manufacturing.

## SCOPE

We invite presentations in all areas relating to production and manufacturing, including but not limited to:

- Assembly/disassembly line optimisation
- Assembly/disassembly sequence optimisation
- Bullwhip effect minimisation
- Factory/cell layout optimisation
- Job shop optimisation
- Maintenance schedule optimisation
- Manufacturing process optimisation
- Manufacturing system optimisation
- Material use minimisation
- Materials handling optimisation
- Materials storage optimisation
- Process plan optimisation
- Product cost/weight minimisation
- Product life/performance/quality maximisation
- Production cost minimisation
- Production distribution optimisation
- Production equipment (e.g. machine tools/robots/AGVs) optimisation
- Production plan optimisation
- Supply chain optimisation
- WIP minimisation

Authors of selected presentations will be invited to submit full papers as chapters in a book entitled "***Intelligent Production and Manufacturing Optimisation: The Bees Algorithm Approach.***"

## WORKSHOP CHAIR

D T Pham, University of Birmingham

## IMPORTANT DATES

Abstract submission opens: 1 June 2021  
Abstract submission closes: 30 June 2021  
Notification of acceptance: From 1 July 2021  
Chapter submission deadline: 6 October 2021

## CONTACT

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## DATE AND LOCATION

29 September 2021  
Online

### Scientific Committee

DT Pham (Workshop Chair)  
Natalia Hartono (Co-Chair)  
Asrul Harun Ismail  
Kaiwen Jiang  
Luca Baronti  
Marco Castellani  
Mario Caterino  
Murat Sahin  
Sultan Zeybek  
Turki Binbakir