



QForm Seminar. United Kingdom 29 April 2020

**New advances in metal forming by means of simulations
Cost-saving, product quality improvement, automated preform design**

Dear colleagues!

This one-day metal forming technology seminar is intended for practising engineers working in the field of hot and cold bulk metal forging, fasteners manufacturing and sheet metal stamping. Experts in metal forming simulation will present recent development of QForm software and its practical implementation for improving the technical and economic efficiency of modern production.

Presenters: Nikolay Biba, Managing Director MICAS Simulations Ltd, Oxford, UK
Stanislav Kanevsky, Regional Director, Business Development Department, QForm Group



In collaboration with **Confederation of British Metalforming**

Venue: 47 Birmingham Road, West Bromwich West Midlands B70 6PY

<https://thecbm.co.uk>

Registration of participants: www.qform3d.com/register/uk

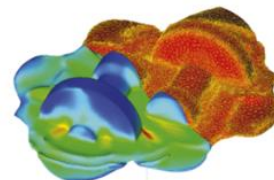
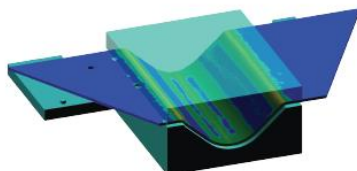
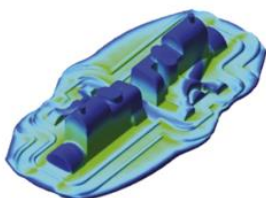
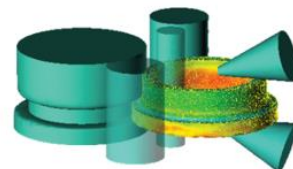
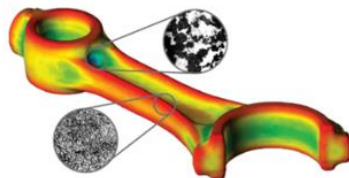
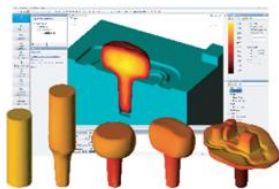
Contact person:

Nikolay Biba, Managing Director, Micas Simulations Limited

micas@qform3d.com

+44 7578 576602

Cost of participation: FREE



PRELIMINARY PROGRAM

Language – English

9:00	Registration and coffee
9:30	Welcome from CBM and Introduction Overview of QForm 9 metal forming simulation software: <i>Multivariant analysis for effective technology development</i> <i>New models and methods for simulation of metal forming processes.</i> <i>New interface for fast and easy simulation setup and results analysis</i>
10:45	Coffee break
11:00	Practical simulation of hot forging: <i>prediction and elimination of material flow defects and premature dies failure, automated preform design for multi-stage processes and material saving</i>
12:30	Lunch
13:15	Simulation of cold forging and fasteners: <i>optimising of high-performance pre-stressed dies and prevention of workpiece ductile fracture.</i>
13:45	Sheet metal forming simulation: <i>deep drawing, highly localised deformation and material anisotropy</i>
14:30	Coffee break
14:45	Forged part properties control: <i>simulation of grain size evolution during deformation and phases transformation in heat treatment</i>
15:15	Economic efficiency of forging simulation and user's experience Questions and answers
16:30	Finish

