

## Special Issue

# Modern Grinding Technology and Systems

### Message from the Guest Editor

This Special Issue will feature key innovations in the science and engineering of new grinding processes, abrasives, tools, machines, and systems for a range of important industrial topics. Topics will, not only feature well-known grinding processes and tools, but also innovations to solve new areas of application.

Innovations may range from high-precision kinematics for grinding very large lenses and reflectors, through to medium-sized grinding machine processes, down to grinding very small components used in MEMS.

Materials to be ground may include conventional engineering steels to aerospace materials, ceramics, and composites. Papers may also deal with novel topics, such as finishing of parts produced by 3D printing.

Innovations may also include new features introduced into control systems to improve process efficiency or to integrate the grinding process more effectively into a wider manufacturing system. Papers will be considered that show significant improvements to any aspect of grinding processes, machines, materials, abrasives, wheel preparation, coolants, and lubricants. Prof. Dr. W. Brian Rowe

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### Guest Editor

Prof. Dr. Brian Rowe  
Liverpool John Moores University, Liverpool, UK

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### Deadline for manuscript submissions

closed (30 April 2018)



## Inventions

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### Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

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