

## EDITORIAL THEMES 2022

	FEATURES*	SPOTLIGHT	PROFESSIONAL DEVELOPMENT
January	<b>MATERIALS IN DESIGN:</b> Here we explore how materials influence product, sport, fashion and architectural design, considering novel materials, manufacturing solutions and end-of-life considerations.		
February	<b>HEALTH:</b> The key role of materials in modern healthcare is investigated, from hospital infrastructure, infection control and implants to nanotechnologies and prosthetics.	IMAGING AND MICROSCOPY	Building your professional profile
March	<b>TRANSPORT:</b> From large-scale transport infrastructure to means of transit, this edition covers materials science, engineering and decarbonisation across land, sea and air.		
April	<b>THE BUILT ENVIRONMENT:</b> An overview of materials in the built environment covering construction, infrastructure, architecture and interiors.	TESTING AND INSPECTION	Leadership skills in STEM
May	<b>ENERGY TRANSITION:</b> This issue investigates the challenges and opportunities as the energy sector undergoes a transformative transition, covering power generation as well as energy-efficient and emission-reducing opportunities for industry.		
June	<b>TECHNOLOGY INNOVATION:</b> The role of materials science in technological innovation is covered in this issue, straddling Industry 4.0, automation, the Internet of Things, materials processing and manufacturing and advanced/functional materials.	IMAGING AND MICROSCOPY	Creating an inclusive and supportive workplace
July/August	<b>THE CIRCULAR ECONOMY:</b> How much waste we create and how much we can reduce, reuse or recycle continues to be a hot topic. Here we analyse the circular economy across industrial and consumer activities.		
September	<b>TESTING &amp; INSPECTION:</b> We hone in on the techniques involved in testing and inspection, from materials discovery to processing and manufacturing, and product characterisation and standardisation		Practical skills for research
October	<b>MATERIALS IN HARSH ENVIRONMENTS:</b> Materials play a key role in harsh environments protecting people and structures. Here, we take a look at the manufacturing and engineering advances that make this possible.		
November	<b>IMPROVING LIVES:</b> This issue focuses on the broader impacts of science and engineering on communities, regions and countries.	TESTING AND INSPECTION	Science communication
December	<b>GEOCHEMISTRY, GEOLOGY AND GEOTECHNICAL ENGINEERING:</b> A look at earth sciences and advances in geological understanding and engineering.		

**NB: Themes subject to change. Related areas are examples only and cannot be guaranteed coverage.**

If you have an idea for a feature submission and would like further information on any of the above themes and the relevant areas they cover, the editorial team will be happy to discuss this with you.

Please contact the Editor, Rupal Mehta, at **t. 020 7451 7340** or **e. [rupal.mehta@iom3.org](mailto:rupal.mehta@iom3.org)**

\* Every month there will also be features that cover topics of importance in the extractive industry, including mining technology, mineral processing, applied earth sciences, oil and gas, global initiatives and commodities, as well as country focus pieces and interviews with senior figures in the industry.