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**Materials**  
**6th Edition**  
**2026**  
  
**Conference**

# The 6th International Conference on Materials (ICM 2026)

## List of Posters

16-18 September, Manchester, UK



*materials*



**NanoMEGAS**

*Advanced Tools for electron diffraction*

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## Poster Session

- Thursday, 17 September 2026 (13:45–14:45)

| Number | Author            | Title                                                                                                                                                                     |
|--------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Bidini A. Taleatu | Some Protonated Mixed Metal Oxide Electrodes for Charge Storage Enhancement in ASSSC Devices                                                                              |
| 2      | Grzegorz Jagło    | Influence of Substitution with Lead, Zinc, Niobium Atoms on the Electronic Properties of BaTiO <sub>3</sub> , as Studied by Means of Ab Initio Methods                    |
| 3      | Huda El Mubarek   | Fluorine Applications in Silicon, Silicon Germanium and Germanium                                                                                                         |
| 4      | Jufeng Huang      | Mechanism of Sulfate-Reducing Bacteria on the Galvanic Corrosion of 825/P110 Couple                                                                                       |
| 5      | Ke Tong           | Research on the Application of Laser Cleaning Technology in Green Remanufacturing of Used Oil Tubing                                                                      |
| 6      | Maryam Tabrizian  | Mesenchymal Stem Cell-Derived Extracellular Vesicles' Mimetics for Enhanced Bone Healing and Regeneration                                                                 |
| 7      | Maryam Tabrizian  | VIVID: A Source-Agnostic DNA-Tag Method for Sensitive and Quantitative Tracking of Extracellular Vesicle Cargo Delivery <i>In Vivo</i>                                    |
| 8      | Qiang Liu         | Comparison Study of Micro-Structure and Wear Behavior of Ti-6Al-4V-0.5Ni-0.5Nb Alloy Drill Pipe by Different Surface Treatments for Rigorous HTHP Drilling Application    |
| 9      | Wei Wei           | Exploring the Versatile Roles of Inorganic Polyphosphate Materials in Biological Systems                                                                                  |
| 10     | Zulfiqar Khalil   | Plasma Spraying of Magnesium and Nickel Coatings on Spherical Al <sub>2</sub> O <sub>3</sub> Granules for Metal Hydride Synthesis: Assessment of Hydrogenation Properties |