ToF-SIMS has recently been incorporated into the advanced materials characterisation services provided by the CMAC National Facility with a view to providing analytical services to the wider academic community. The ToF-SIMS service is a central part of the long-term collaboration between CMAC and NPL, and benefits from the joint expertise and knowledge of both institutions.

A remote workshop will be held on **Wednesday 12th May 2021 (14:00 – 17:00)**, during which we will present some of our successful applications in ToF-SIMS over the last few years. Following this session, CMAC will be funding some short-term ToF-SIMS feasibility studies. Successful applicants will be provided access to the facilities, instrument scientist and NPL expertise. The logistics around this will be discussed during the workshop.

### Agenda

- **Welcome**
  - Professor Alastair Florence (CMAC Director)

- **Introduction to ToF-SIMS**
  - Dr Aruna Prakash (ToF-SIMS Instrument Scientist)

- **“Advances in ToF-SIMS Imaging and Applications to Biomedical and Pharmaceutical Sciences”**
  - Professor Ian Gilmore (Senior NPL Fellow)

- **“Of Crystals and Cells: Case Studies in Pharmaceutical Sciences”**
  - Dr Michael Chrubasik (NPL Higher Research Scientist)

- **“Small Scale Formulation Studies”**
  - Professor Gavin Halbert (CRUK Formulation Unit)

- **Feasibility Call Launch**
  - Dr Thomas McGlone (CMAC Technical Operations Manager)

- **Q&A**

Although our internal projects have been primarily aligned with pharmaceutical applications, we are keen to expand and develop into other fields.

We are particularly encouraging attendees and subsequent feasibility applications from those with existing engagement to the University of Strathclyde, CMAC, SULSA, ScotCHEM and AMRL.

To receive an invitation for the workshop or more information about the ToF-SIMS feasibility study, please email cmac-national-facility@strath.ac.uk by Friday 7th May and include your **name, institution and area of research**.