



New Seracam® Extravasation Imaging Application and Enhanced Intraoperative Capabilities presented at IEEE

London, UK, 5 Nov 2025. Serac Imaging Systems Limited ("Serac Imaging Systems" or "the Company"), the medtech company developing 'Seracam®' a portable hybrid gamma-optical camera for medical imaging, announces that two posters featuring Seracam® are being presented by its academic partners from Loughborough University at the IEEE Nuclear Science Symposium, Medical Imaging Conference, taking place from 1-8 November 2025 in Yokohama, Japan. One displays the first presentation of Seracam®'s potential to prevent extravasation injury; the other introduces new features to enhance Seracam®'s capabilities in intraoperative imaging.

The posters will be displayed in the MIC poster room from Wednesday 5th November at 1.30pm until Friday 7th November at 6pm. The designated poster session is **2pm - 3.30pm (local time) on Thursday 6th November** in location **G4-G6**.

The poster "**Seracam®: Hybrid gamma-optical video imaging for real-time extravasation injury prevention**" describes novel, proof-of-concept imaging demonstrating Seracam®'s suitability for imaging sites of radiotracer administration and the detection of real-time tracer infiltration. This capability has the potential to avoid failed therapeutic tracer administrations, prevent unnecessary tissue doses and safeguard against extravasation injuries. The author is **Andrew Farnworth; researcher in the Department of Physics at Loughborough University**. The poster panel is 491; poster number is M-08-491.

The poster "**Seracam®: Hybrid gamma-optical video imaging for intraoperative radioguidance**" describes performance using a new "persistence mode" feature, first in bench testing and then in a pilot intraoperative imaging study carried out at Universiti Malaya Medical Centre. The ability to adjust parameters such as frame rate, accumulation time, pixel size and colour table in real time offers both improved accuracy and greater ease of use. The poster concludes that the introduction of persistence mode not only streamlined the imaging workflow but also enhanced the surgeon's ability to make real-time decisions, potentially reducing operative time and improving patient outcomes. The author is **Dr Sarah Bugby, Lecturer in Physics at Loughborough University**. The poster panel is 437; the poster number is M-08-437.

Mark Rosser, Chief Executive of Serac Imaging Systems, said:

"Seracam's potential to aid physicians, improve patient outcomes and ease workflow continues to expand. The proof-of-concept study highlighting Seracam's potential to safeguard against extravasation injuries is extremely exciting, especially with the rapidly growing use of targeted radiotherapies and the limitations of current detection methods. Clinical feedback from surgeons on the new persistence features to enhance image guided surgery has also been highly positive. We look forward to continuing our work with the expert team from Loughborough University and the clinical researchers at the Universiti Malaya Medical Centre as we take this forward into further clinical development."

- ENDS -

Seracam® is for investigational use only and has not been registered or approved by the FDA, UK, European or Malaysian regulatory authorities.

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Notes to Editors

Abstracts are available in the conference programme here:

https://www.eventclass.org/contxt_ieee2025/scientific/online-program/session?s=M-08#e2190

Abstracts will be published in the IEEE Xplore Conference Record after the event.

About Serac Imaging Systems and Seracam®

Serac Imaging Systems Ltd is a medtech company developing a portable hybrid gamma-optical camera for medical imaging. Our lead product is Seracam® which is in development to bring the benefits of high-resolution molecular imaging to a patient's bedside, instead of being confined for use in a hospital's nuclear medicine imaging department. A further unique feature of this technological approach is the overlay of a gamma image with an optical image of the same anatomical location under examination. Such portable and enhanced imaging technology has the potential to help clinicians make better, more informed and more timely treatment decisions. For further details, please see www.seracimagingssystems.com

Seracam® is a UK and EU registered trademark. Serac Imaging Systems Ltd is a wholly owned subsidiary of Serac Life Sciences Limited.

About Loughborough University

Loughborough is one of the country's leading universities, with an international reputation for research that matters, excellence in teaching, strong links with industry, and unrivalled achievement in sport and its underpinning academic disciplines.

It has been awarded five stars in the independent QS Stars university rating scheme and named the best university in the world for sports-related subjects in the 2025 QS World University Rankings – the ninth year running.

Loughborough has been ranked seventh in the Complete University Guide 2026 – out of 130 institutions.

This milestone marks a decade in the top ten for Loughborough – a feat shared only by the universities of Oxford, Cambridge, LSE, St Andrews, Durham and Imperial.

Loughborough was also named University of the Year for Sport in the Times and Sunday Times Good University Guide 2025 - the fourth time it has been awarded the prestigious title.

In the Research Excellence Framework (REF) 2021 over 90% of its research was rated as 'world-leading' or 'internationally-excellent'. In recognition of its contribution to the sector, Loughborough has been awarded seven Queen Elizabeth Prizes for Higher and Further Education.

The Loughborough University London campus is based on the Queen Elizabeth Olympic Park and offers postgraduate and executive-level education, as well as research and enterprise opportunities. It is home to influential thought leaders, pioneering researchers and creative innovators who provide students with the highest quality of teaching and the very latest in modern thinking.

About the **IEEE Nuclear Science Symposium, Medical Imaging Conference, and Room Temperature Semiconductor Detectors Symposium**: <https://nssmic.ieee.org/2025/>