DeepMatter Group plc
("DeepMatter", the "Company" or "the Group")
DeepMatter collaborates with the University of Nottingham

DigitalGlassware™ to be adopted by the University of Nottingham's School of Chemistry for undergraduate use within its Digital Teaching Laboratory

20 February 2020 - DeepMatter (AIM: DMTR), the AIM-quoted company focusing on digitising chemistry, is delighted to be collaborating with the University of Nottingham's School of Chemistry, to explore the benefits of the DigitalGlassware™ platform in data capture and analysis within undergraduate chemistry teaching.

The project, "'Data led synthesis: an undergraduate project in chemical optimisation" will see undergraduate students performing a series of chemical reactions within DigitalGlassware™ over the course of four weeks. DigitalGlassware™ is an integrated software, hardware and artificial intelligence enabled platform, which allows chemistry experiments to be accurately and systematically recorded, coded and entered into a shared data cloud. The aim of DigitalGlassware™ is to bring recordability, reproducibility and shareability to the lab, enabling chemists to produce better molecules, faster and ultimately cheaper.

The University of Nottingham's School of Chemistry uses a fully Digital Teaching Laboratory, a completely paperless setting. The use of DigitalGlassware™ aims to significantly increase the reproducibility of experiments, which is key to an increasingly digital environment. The Digital Teaching Laboratory is part of the University of Nottingham HEFCE funded new STEM Teaching Laboratory that is fully equipped with cutting-edge facilities used for research and teaching. The laboratory offers students an outstanding learning experience in practical chemistry combined with the latest digital technologies for integrated working.

Mark Warne, CEO of DeepMatter Group, commented:

"We are delighted that Nottingham's chemists of the future will have access to our innovative cloud-based platform, DigitalGlassware™, supporting the University's drive towards the digitisation of chemistry and introducing the students early to digital tools. With the reproducibility crisis in chemistry estimated to have an annual financial impact of $28bn in the US alone, and currently 50% of science being deemed irreproducible, digital platforms have the potential to transform the chemistry industry in the years ahead. We hope that these students will become advocates for greater use of digital as they enter the industry."

Andrew Nortcliffe, Assistant Professor of Medicinal Chemistry, Faculty of Science, the University of Nottingham added:

"Data led approaches to chemical research are starting to become more prevalent in industry, turning to digital solutions to increase accuracy, efficiency and reproducibility of chemical reactions. But in the chemistry teaching lab there remains a disparity between practical work and how capturing data can refine and improve outcomes. At the University of Nottingham, we are emphasising to our students the importance of capturing and analysing data. DigitalGlassware™ is a natural fit in our teaching labs as it exposes data led approaches to our students in a meaningful way, preparing them better for their future chemical careers."

For more information, please contact:

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About DeepMatter Group plc
DeepMatter's long term strategy is to integrate chemistry with technology, thereby enabling a greater use of artificial

intelligence and reaching a point where chemicals can be autonomously synthesised through robotics. In the near term this involves the provision of an integrated software, hardware and artificial intelligence enabled platform, DigitalGlassware™, to scientists across research and process development sectors.

The DigitalGlassware™ platform allows chemistry experiments to be accurately and systematically recorded, coded and entered into a shared data cloud. The platform is designed to enable chemists to work together effectively; sharing the details of their experiments from anywhere and in real-time, so that work is not needlessly duplicated, time and money wasted, and ultimately so new discoveries may be made faster.

Visit: www.deepmatter.io and follow @deepmattergroup

About the University of Nottingham
University of Nottingham academics can be interviewed for broadcast via our Media Hub, which offers a Globelynx fixed camera and ISDN line facilities at University Park campus. For further information please contact a member of the Communications team on +44 (0)115 951 5798, email pressoffice@nottingham.ac.uk or see the Globelynx website for how to register for this service.

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Notes to editors: The University of Nottingham is a research-intensive university with a proud heritage, consistently ranked among the world's top 100. Studying at the University of Nottingham is a life-changing experience and we pride ourselves on unlocking the potential of our 44,000 students - Nottingham was named both Sports and International University of the Year in the 2019 Times and Sunday Times Good University Guide and features in the top 20 of all three major UK rankings. We have a pioneering spirit, expressed in the vision of our founder Sir Jesse Boot, which has seen us lead the way in establishing campuses in China and Malaysia - part of a globally connected network of education, research and industrial engagement. We are ranked eighth for research power in the UK. We have six beacons of research excellence helping to transform lives and change the world; we are also a major employer and industry partner - locally and globally.

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