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## Memorandum of Understanding

between the

**Dresden Center for Computational Materials Science**

hereafter referred to as **DCMS**

and the

**Thomas Young Centre, the London Centre for  
the Theory and Simulation of Materials**

hereafter referred to as **TYC**

Dresden is a leading centre of materials research in Europa and worldwide. To foster the activities in the field of computational materials science, DCMS was founded at Technische Universität (TU) Dresden. Since 2012, TU Dresden has been one of 11 Universities of Excellence in Germany. Strengthening the research network in the city and the region is a key element of its Institutional Strategy. Bringing together over 70 scientists from TU Dresden, TU Chemnitz, Leipzig University, Freiberg University of Mining and Technology and more than 10 extramural research institutions from the Max Planck Society, the Fraunhofer-Gesellschaft, the Leibniz Association and the Helmholtz Association, DCMS creates a uniquely active and collaborative Materials Research network in research, teaching and culture.

TYC is a dynamic and interdisciplinary alliance of London researchers, which operates at the forefront of science to address the challenges of society and industry through the theory and simulation of materials, or materials modelling. It provides a framework through which current and



future generations of researchers are supported, and fosters collaborations within the membership, with theoreticians and experimentalists outside London, and with the industry and government. The TYC is currently made up of around 100 research groups from four London Colleges: Imperial College London, King's College London, QMUL (Queen Mary University London) and UCL (University College London). The academic departments involved include physics, materials, chemistry, earth sciences, biology, and several branches of engineering.

In order to further the effective and mutually beneficial co-operation and develop academic and cultural exchanges in education, research and other areas, DCMS and TYC hereby agree to co-operate towards the internationalisation of higher education.

Combining the strength, the complementary portfolio and the infrastructures of two excellent research centres to create synergies, corresponds with the goals and values of the transCampus — a strategic partnership between TU Dresden, King's College London, and affiliated institutions. The transCampus will promote the cooperation of DCMS and TYC to establish a flagship research cluster in materials science.

1. DCMS and TYC hereby agree to encourage academic cooperation through research and study in furtherance of the advancement of learning as stipulated below:
  - (1) To encourage visits by faculty members from one centre to the other for the purpose of engaging in research or other educational activities;
  - (2) To facilitate the exchange of advanced graduate students between one centre and the other for the purpose of participating in research;



- (3) To foster the exchange of academic publications and scholarly information and to further the joint publication of research papers in scientific journals;
- (4) To support the initiation of joint research projects and acquisition of joint research grants;
- (5) To inform each other of congresses, colloquia, conferences and seminars held at either location and to exchange the results; and
- (6) To promote other academic activities, which enhance the above-mentioned goals.

2. Both Parties acknowledge that the visit by faculty and students from one university to the other shall be subject to the entry and visa regulations of Germany and the United Kingdom, and shall comply with the regulations and policies of TU Dresden and the London Colleges.

3. Both Parties agree that all expenses, including research material, international and domestic travel, per diem, honoraria and all other costs, shall be the responsibility of the home university or visiting faculty and students themselves, unless otherwise stated.

4. Confidentiality. The parties agree and undertake to keep confidential at all times any information or data that may be exchanged, acquired, disclosed, or shared in connection with any activity conducted pursuant to this MoU, except where such information is already in the public domain or is required to be disclosed by any applicable law or regulations (which, in the case of King's, shall include the Freedom of Information Act 2000), or where the extent of such disclosure is authorised in writing by the other. Neither party shall use the information of the other party except to the extent required to enable the performance of this MoU. The obligations of the parties under this clause shall continue following the expiry or termination of this MoU.



5. Intellectual Property Rights. All existing IP owned by or licensed to either party shall remain the property of such party. Each party grants to the other a non-exclusive, non-transferable licence for duration of this MoU to use such of its existing IP as is provided to the other party for the purposes only of this MoU.
  
6. Publicity / announcements. Specific approval for any publicity or announcements relating to this MoU or the other party must be agreed in writing prior to deployment between the Directors of External Relations at King's and at TU Dresden.
  
7. Both parties agree to review this Memorandum of Understanding after five years following the date of signing. Prior to the expiry of this MoU, the parties may mutually agree to renew this MoU for additional consecutive periods of 5 years. Either party may terminate this MoU by giving the other party 6 months' prior written notice.



London, October 5<sup>th</sup>, 2018

On behalf of  
King's College London

On behalf of  
Technische Universität Dresden

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Prof. Edward Byrne  
President and Principal

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Prof. Antonio Hurtado  
Vice-Rector for University Development

On behalf of TYC

On behalf of DCMS

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Prof. Anatoly Zayats  
Department of Physics  
Member of the Thomas Young Centre

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Prof. Gianaurelio Cuniberti  
Director DCMS

On behalf of transCampus

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Prof. Stefan Bornstein  
transCampus Dean