# Models of Consciousness 2023

## A conference on mathematical approaches in the scientific study of consciousness

Mathematical Institute, University of Oxford, UK
4-8 September 2023

The Association for Mathematical Consciousness Science is delighted to announce the fourth Models of Consciousness conference (MoC4), a conference for researchers whose scientific activities relate to mathematical approaches in the scientific study of consciousness.

By invitation of the Oxford Mathematics of Consciousness and Applications Network (OMCAN), MoC4 takes place at the Mathematical Institute, University of Oxford, UK. The AMCS is delighted to offer an extensive program of activities to maximize opportunities to advance the scientific goals of the field.

**Contributed talks:** The talk application deadline is 30 June 2023.

**Invited speakers:**

Nobel Laureate, Sir Roger Penrose FRS
Mathematical Institute, University of Oxford

Marcus Du Sautoy FRS
Mathematical Institute, University of Oxford

Lenore Blum
School of Computer Science, Carnegie Mellon University

Paul Azzopardi
Experimental Psychology, University of Oxford

Robert Prentner
Munich Center for Mathematical Philosophy, Ludwig Maximilian University of Munich

Jan Westerhoff
Theology and Religion, University of Oxford

Maja Spener
Philosophy, University of Birmingham

Will Zeng
Quantum Computing, Unitary Fund; Goldman Sachs & Co.

Claudia Passos
Center for Bioethics, New York University

**Discussion:** Following the spirit and tradition of previous MoC meetings, discussion sessions in small groups are an integral part of the conference.

**Full details at:** **https://amcs-community.org/events/moc-4-2023**

**Organisers and advisors:** Johannes Kleiner - Ludwig Maximilian University of Munich; Jonathan Mason - OMCAN, University of Oxford; Wanja Wiese - Ruhr University Bochum; Robert Prentner - Ludwig Maximilian University of Munich; Robin Lorenz - Quantinuum; Ian Durham - Saint Anselm College; Kobi Kremnitzer - OMCAN, University of Oxford.

Association for Mathematical Consciousness Science

Barbara Wengeler Stiftung

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OMCAN Oxford Mathematics of Consciousness and Applications Network