

#### ABOUT

The Oppenheim Lectures is a distinguished lecture series in honour of Sir Alexander Oppenheim, first Head of the Department of Mathematics at the Raffles College (a predecessor of NUS), and a number theorist known for the Oppenheim Conjecture

#### CONTACT

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# Conversation

with

## Professor Bin Yu

*Oppenheim Lecturer 2024*



Professor Bin Yu is CDSS Chancellor's Distinguished Professor in Statistics, EECS, and Computational Biology, and Scientific Advisor at the Simons Institute for the Theory of Computing, all at UC Berkeley. Her research focuses on the practice and theory of statistical machine learning, veridical data science, and solving interdisciplinary data problems in neuroscience, genomics, and precision medicine. She and her team have developed algorithms such as iterative random forests (iRF), stability-driven NMF, and adaptive wavelet distillation (AWD) from deep learning models. She is a member of the National Academy of Sciences and of the American Academy of Arts and Sciences. She was a Guggenheim Fellow, IMS President, and delivered the IMS Rietz and Wald Lectures and Distinguished Achievement Award and Lecture (formerly Fisher Lecture) of COPSS. She holds an Honorary Doctorate from The University of Lausanne.

### ***Date & Time***

Friday 29 November 2024  
4.15 pm to 5.15 pm

### ***Venue***

NUS Department of Mathematics  
Block S17 Level 4 Staff Lounge

### ***Who should Participate***

Students and Postdocs who are interested in mathematics and mathematical research

### ***By invitation only***