

Fondation mathématique

**FMJH**

Jacques Hadamard



## **Tony Yue YU**

Tony Yue YU works on non-archimedean geometry, tropical geometry and mirror symmetry. He aims to build a theory of enumerative geometry in the setting of Berkovich spaces. Such a theory will give us a new understanding of the enumerative geometry of Calabi-Yau manifolds, as well as the structure of their mirrors.

It is also intimately related to the theory of cluster algebras and wall-crossing structures. He attended Ecole normale supérieure in Paris and received his PhD from Université Paris Diderot.