

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

**A FREE BOUNDARY MONGE-AMPERE  
EQUATION AND APPLICATIONS TO  
COMPLETE CALABI-YAU METRICS**

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CCDS 365, Sep 27, 2023, 4-5pm

Tea: 3:45pm in Room 365

**Abstract:** I will discuss a new free boundary problem for a real Monge-Ampere equation and its application to the construction of complete Calabi-Yau metrics. This is based on joint work with T. Collins and S.-T. Yau.

See <http://math.bu.edu/research/geom/seminar.html> or contact Yu-Shen Lin ([yslin@bu.edu](mailto:yslin@bu.edu)) or Brian Williams ([bwill22@bu.edu](mailto:bwill22@bu.edu)) for more information.