

The Harvard University Department of Mathematics

# Ahlfors Lectures

September 11, 2018

Harvard University  
Science Center Hall D  
4:30 - 5:30 pm

**What is Machine Learning?**

September 12, 2018

Harvard University  
Science Center Hall D  
3:30 - 4:30 pm

**Toward Mathematical  
Understanding of Deep Learning**

The Ahlfors Lecture Series is presented by the Harvard University Math Department in memory of our distinguished colleague, Professor Lars Ahlfors. Organized by Horng-Tzer Yau.

<http://www.math.harvard.edu/conferences/ahlfors18>



Photo by Frank Wojciechowski

Sanjeev  
Arora

Princeton University  
&  
Institute for Advanced Study

Sanjeev Arora is Charles C. Fitzmorris Professor of Computer Science at Princeton University and Visiting Professor in Mathematics at the Institute for Advanced Study. He works on theoretical computer science and theoretical machine learning. He has received the Packard Fellowship (1997), Simons Investigator Award (2012), Gödel Prize (2001 and 2010), ACM Prize in Computing (formerly the ACM-Infosys Foundation Award in the Computing Sciences) (2012), and the Fulkerson Prize in Discrete Math (2012). He is a fellow of the American Academy of Arts and Sciences and member of the National Academy of Science.



Lars Ahlfors

William Caspar Graustein, Professor of Mathematics  
Harvard University, 1946 - 1977