

PUBLIC CONFERENCE

Prof. CLAIRE VOISIN

«Some aspects of algebraic geometry»

August 27, 2018 - 15h30
at Eurooppasali, Helsinki

| Opening session

Jeannette BOUGRAB, Director of the Institut Français.
Jari NIEMELÄ, Rector of the University of Helsinki.

| Lecture

Introduction by prof. Mats GYLLENBERG, Permanent Secretary of Finnish Society of sciences and letters.

Lecture by Prof. Claire VOISIN on the fundamental ideas in algebraic geometry, with emphasis on algebraic geometry over the complex numbers, a field where topology and algebra meet beautifully

Q/A session with moderator and with the public.

Claire VOISIN, is a French mathematician known for her work in algebraic geometry, and has received numerous awards throughout her career. She won the **European Mathematical Society** Prize in 1992, and the Servant Prize awarded by the Academy of Sciences in 1996. She received the Sophie Germain Prize in 2003 and the Clay Research Award in 2008 for her disproof of the Kodaira conjecture on deformations of compact Kähler manifolds. In 2007 she was awarded the Ruth Lyttle Satter Prize in Mathematics for solving the generic case of Green's conjecture on the syzygies of the canonical embedding of an algebraic curve. Moreover, she was elected as a foreign associate of the National Academy of Sciences and she became the first female mathematician member as well as the first holder of the Chair of Algebraic Geometry of the **Collège de France** in 2016. In addition, she received the **Gold medal** of the French National Centre for Scientific Research (**CNRS**) in 2016. Recently, she was awarded with the Shaw Prize in Mathematical Sciences in 2017.

