

Morning Discussion: **The Early 20th Century**

Thursday, September 1, 2016

One week ago we examined the work of some algebraic geometers from the 19th century. Today, we move on to the early 20th century, to mathematics that was published prior to World War II. You are encouraged to familiarize yourselves with the literature from the period 1900-1939. Dig out papers from that period and *read them*. Go for the original sources. Some are written in English. Do not be afraid of languages like French, German, Italian, Russian.

Each group will explore the life and work of one mathematician, with focus on what (s)he has done in algebraic geometry during that period. Identify one key paper written by that author. Then present your findings.

Here are some suggestions, listed alphabetically:

- Eugenio Bertini
- Guido Castelnuovo
- Wei-Liang Chow
- Arthur B. Coble
- Wolfgang Gröbner
- William V.D. Hodge
- Wolfgang Krull
- Solomon Lefschetz
- Frank Morley
- Francis S. Macaulay
- Amalie Emmy Noether
- Ivan Georgievich Petrovsky
- Virginia Ragsdale
- Gaetano Scorza
- Francesco Severi