

CURRICULUM VITAE

DAVID WEN

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DEPARTMENT OF MATHEMATICS
SOUTH HALL, ROOM 6607
UNIVERSITY OF CALIFORNIA
SANTA BARBARA, CA 93106-3080
CITIZENSHIP: U.S.A.

EDUCATION

PH.D CANDIDATE, MATHEMATICS
UNIVERSITY OF CALIFORNIA, SANTA BARBARA; EXPECTED JUNE 2018
THESIS ADVISOR: DAVID R. MORRISON
THESIS TITLE: ON MINIMAL MODELS OF ELLIPTIC FOURFOLDS WITH SECTION

M.A., MATHEMATICS
UNIVERSITY OF CALIFORNIA, SANTA BARBARA; JUNE 2014

B.S., MATHEMATICS, COMPUTER SCIENCE MINOR, SUMMA CUM LAUDE
NEW YORK UNIVERSITY, TANDON SCHOOL OF ENGINEERING; MAY 2012

PAPERS

ON MINIMAL MODELS OF ELLIPTIC FOURFOLDS WITH SECTION (IN PREPARATION)

CONTRIBUTED PAPER TALKS

TOWARDS MINIMAL MODELS OF ELLIPTIC FOURFOLDS
Joint Math Meeting, AMS Contributed Paper Session on Algebraic Geometry ; 2018

POSTERS PRESENTED

TOWARDS MINIMAL MODELS OF ELLIPTIC FOURFOLDS
WAGS, UCLA; OCTOBER 2017

TOWARDS MINIMAL MODELS OF ELLIPTIC FOURFOLDS
GAEL XXV, UNIVERSITY OF BATH; JUNE 2017

TEACHING

TEACHING ASSOCIATE (INSTRUCTOR); UNIVERSITY OF CALIFORNIA, SANTA BARBARA
LINEAR ALGEBRA WITH APPLICATIONS; Summer 2017

TEACHING ASSISTANT; UNIVERSITY OF CALIFORNIA, SANTA BARBARA

REAL ANALYSIS II; Winter 2016
INTRODUCTION TO REAL ANALYSIS; Fall 2016, Fall 2017
ADVANCED LINEAR ALGEBRA II; Winter 2015
ADVANCED LINEAR ALGEBRA I; Spring 2015, Fall 2015
TRANSITION TO HIGHER MATHEMATICS; Spring 2013, Winter 2017, Spring 2017
VECTOR CALCULUS II; Spring 2014
LINEAR ALGEBRA WITH APPLICATIONS; Fall 2012
CALCULUS II; Winter 2014
CALCULUS I; Fall 2013, Fall 2014
CALCULUS FOR SOCIAL AND LIFE SCIENCES; Winter 2013

TALKS GIVEN

SCHEMES, UN-SHEAF-ED

UCSB Graduate Algebra Seminar; 2017

FUZZY SETS AND COSETS AND GROUPS. OH MY!!

UCSB Graduate Algebra Seminar; 2017

LIFTING THE WEIL: ÉTALE COHOMOLOGY

UCSB Graduate Number Theory Seminar; 2017

ZARISKI DECOMPOSITION, AND SO CAN YOU!

UCSB Graduate Algebra Seminar; 2017

INTRODUCTION TO THE MINIMAL MODEL PROGRAM: SURFACES I/II/III

UCSB Graduate Algebra Seminar; 2017

FIXED DIVISORS, IF IT AIN'T BROKE...

UCSB Graduate Algebra Seminar; 2017

GHOST, LADDERS AND PERMUTATIONS

UCSB Graduate Algebra Seminar; 2016

BASIC THEORY OF ELLIPTIC SURFACES

UCSB Algebraic Geometry Seminar; 2016

RIEMANN-ROCH ALGEBRA

UCSB Graduate Algebra Seminar; 2016

INTRODUCTION TO THE MINIMAL MODEL PROGRAM

UCSB Algebraic Geometry Seminar; 2016

ALL THE SINGULARITIES: PUT A RING ON IT

UCSB Graduate Algebra Seminar; 2016

BELYI'S THEOREM

UCSB Complex Analysis Reading Seminar; 2015

BLOW UPS, BLOW DOWN, BUT NEVER BLOWN OVER

UCSB Graduate Algebra Seminar; 2015

I SCHEME, YOU SCHEME, WE ALL SCHEME FOR...

UCSB Graduate Algebra Seminar; 2015
HIGH SCHOOL MATH TO BEZOUT'S THEOREM
UCSB Graduate Algebra Seminar; 2014
WHAT IS A CURVE IN PROJECTIVE SPACE?
UCSB Graduate Algebra Seminar; 2014
FUZZY SETS AND COSETS AND GROUPS. OH MY!
UCSB Graduate Algebra Seminar; 2013

PROFESSIONAL ACTIVITIES

UCSB GRADUATE ALGEBRA SEMINAR
Organizer; 2015 - Present

CONFERENCE ATTENDED/TO ATTEND

JOINT MATH MEETING, San Diego; 2018
AMS SECTIONAL MEETING, UC Riverside; 2017
WESTERN ALGEBRAIC GEOMETRY SYMPOSIUM, UCLA; 2017
GÉOMÉTRIE ALGÈBRIQUE EN LIBERTÉ XXV, University of Bath; 2017
SOUTHERN CALIFORNIA ALGEBRAIC GEOMETRY SEMINAR, UCSD; 2017
GEORGIA ALGEBRAIC GEOMETRY SYMPOSIUM, UGA; 2017
WESTERN ALGEBRAIC GEOMETRY SYMPOSIUM, CSU; 2016
ARITHMETIC ALGEBRAIC GEOMETRY, NYU; 2016
HIGHER DIMENSIONAL ALGEBRAIC GEOMETRY, University of Utah, Salt Lake City; 2016
LOCAL GLOBAL METHODS IN ALGEBRAIC GEOMETRY, UIC; 2016
F-THEORY AT 20, Caltech; 2016
SOUTHERN CALIFORNIA ALGEBRAIC GEOMETRY SEMINAR, UCSD; 2016
SOUTHERN CALIFORNIA ALGEBRAIC GEOMETRY SEMINAR, UCLA; 2015
JOINT MATH MEETING, Boston; 2012