



## James McKernan

Professor of Mathematics

Research Areas Algebraic Geometry

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### Professional Biography

Dr. McKernan received his Ph.D. from Harvard in 1991. He was recruited from MIT where he was a Professor since 2007, an endowed chair, Norbert Weiner Professor since 2009, and had been a professor at UC Santa Barbara from 1995-2007. His appointment here is as Professor, Above Scale, and Charles Lee Powell Endowed Chair in Mathematics II.

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Dr. McKernan's work concerns birational geometry which has been recognized by professional organizations and has won numerous awards; Clay Research Award in 2007, Cole Prize in Algebra in 2009 and in 2011 he was elected to the Royal Society in the UK. He was also honored by being invited to and delivering a lecture at the International Congress of Mathematicians in Hyderabad in 2010.

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McKernan has numerous contributions to diversity which includes running an AMS summer school program aimed at encouraging students near graduation and recent PH.D's to collaborate of which many participants were under-represented minorities. As a professor at UCSB, he taught a graph theory course which attracted many students from under-represented minority groups.

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McKernan has over 20 years of teaching experience and has received excellent teaching evaluations during his time at MIT. He is known as an excellent lecturer. At UCSD, Dr. McKernan will teach courses in both the graduate and undergraduate level.

### Education

- Ph.D. Mathematics, Harvard University, 1991

