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20. Special Activities of the ICM 1998

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Grayson, Daniel, University of Illinois, USA
Macaulay 2
Macaulay 2 is a software system designed to support research in algebraic geometry and commutative algebra. It provides fast algorithms for computing Groebner bases and resolutions of modules and an object oriented language for the user that allows high-level mathematical concepts to be implemented easily. We will demonstrate of the software, showing some of its main features. At the web site http://www.math.uiuc.edu/Macaulay2 you may preview the documentation or download the software.