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Amy Feaver*, amy.feaver@kingsu.ca, and **Anna Puskas**. *Imaginary Multiquadratic Fields of Class Number 2^n* .

This talk gives a method to find all imaginary multiquadratic fields of class number dividing 2^n , provided the list of all imaginary quadratic fields of class number dividing 2^{n+1} is known. We give a bound on the degree of such fields. As an application of this algorithm, we compute a complete list of imaginary multiquadratic fields with class number dividing 32. (Received January 27, 2019)