**JIM MCQUILLAN**, Western Illinois University, Department of Computer Science, 447 Stipes Hall, Macomb, IL 61455, USA Desargues' theorem and related configurations

Consider a projective plane over a field F. One interesting question is: given two triangles in perspective from a point V, under what circumstances does V lie on the Desargues axis? We consider Desargues' theorem and some related configurations. This is joint work with Prof. Aiden Bruen, Department of Electrical and Computer Engineering, the University of Calgary.