1106-A1-2382   **David H Crombecque*** (`crombecq@usc.edu`), 3620 S.Vermont Avenue, KAP 104, Los Angeles, CA 90089. *Planar Hyperbolic Geometry through Inquiry.*

In this talk, we will describe an undergraduate course on Hyperbolic Geometry in the plane. This course is intended for undergraduate Math Majors who may NOT necessarily have had much practice in and exposure to mathematical proofs. The author has been teaching the class in this current version for 3 years (every fall). The course is taught with a focus on Inquiry. In a first phase, students are encouraged to make their own discoveries and conjectures through activities and problems. In a second phase, the class formalizes the results which are then proved by the students themselves in class and in assignments. A sample of activities and problems from this class will be shared and discussed during this session. (Received September 16, 2014)