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**Cathy Kessel\*** (cbkessel@earthlink.net), **Bonnie Saunders**, **Maura Mast** and **Tanya Leise**. *Discussion: Participation of Girls and Women in Mathematics*. Preliminary report.

Each talk in the session will describe different aspects of participation of girls and women in mathematics, in elementary school, middle school, undergraduate majors, and professional honors and awards. Some aspects are examined via statistical studies. Others occur on a much smaller scale, in the context of programs and projects. At the end of the session, the speakers and the audience will have an opportunity to discuss what can be synthesized from these different findings and viewpoints. (Received September 22, 2011)