

Integrating gender into research and innovation for better outcomes**Elizabeth Pollitzer****Portia, UK**

This presentation will show how gender issues influence quality of science knowledge, science practice, and science institutions, with particular focus on physics. Examples will be given of: 1) how physics can help solve a wide variety of problems where biological and/or socio-cultural differences between females and males can influence research outcomes; 2) how gender bias in decisions can affect career pathways of women and men; and 3) how physics research institutions can improve their cultures and working environment by promoting gender equality. I will also explain how research funding bodies and science journals can contribute to the process of change, and the role of the Gender Summit platform (www.gender-summit.com <<http://www.gender-summit.com/>>) in creating evidence-led consensus on why change is needed.