

Abstract for an Invited Paper  
for the NWS08 Meeting of  
The American Physical Society

**Semiconductor Nanowires: Defects Update<sup>1</sup>**

KAREN L. KAVANAGH, Simon Fraser University

Structural defects commonly observed in semiconducting nanowires by electron microscopy will be reviewed and their origins discussed. Their effects on electrical and optical properties will be illustrated with examples from GaSb, InAs, and ZnSe nanowires grown by MOCVD and MBE.

<sup>1</sup>NSERC, CIPI